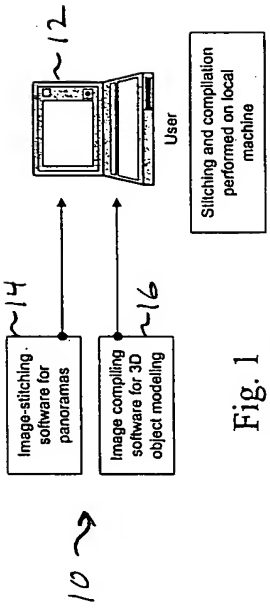

Fig. 1
(Prior Art)

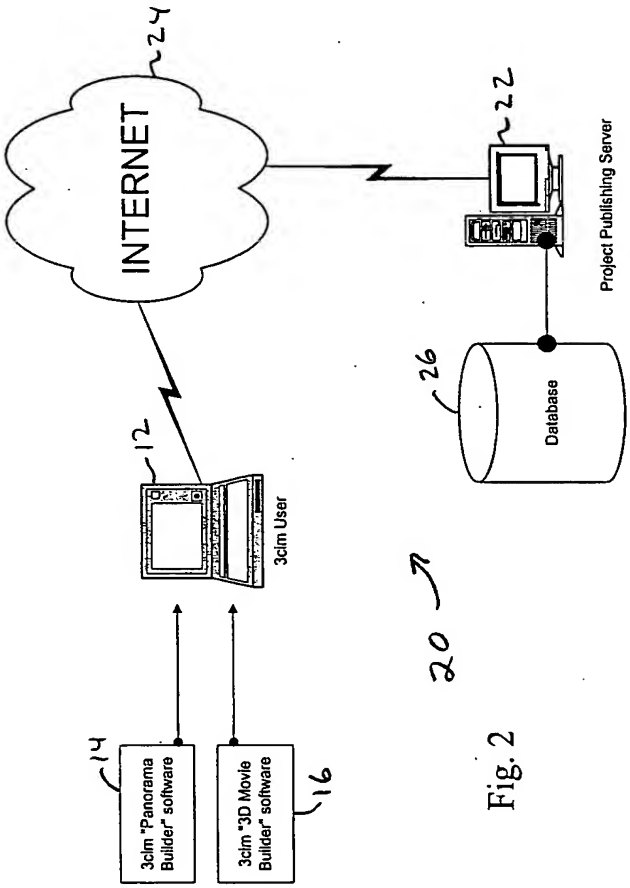

Fig. 2

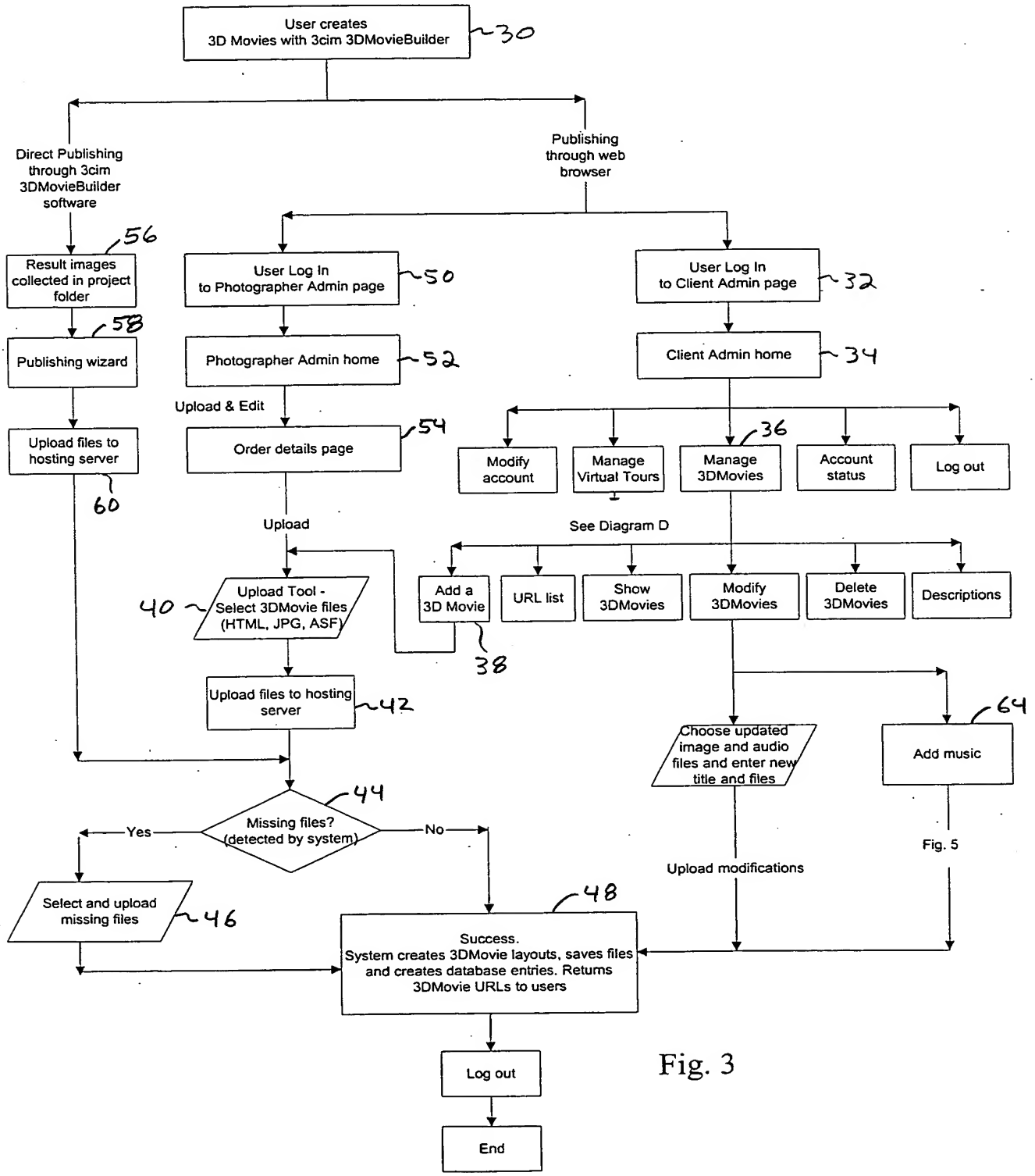
User creates 3D Movies with 3cim 3DMovieBuilder
30
Direct Publishing through 3cim 3DMovieBuilder software
Publishing through web browser
Result images collected in project folder
56
Publishing wizard
58
Upload files to hosting server
60
User Log In to Photographer Admin page
50
Photographer Admin home
52
Upload & Edit
Order details page
54
Upload
Upload Tool - Select 3DMovie files (HTML, JPG, ASF)
40
Upload files to hosting server
42
User Log In to Client Admin page
32
Client Admin home
34
Modify account
Manage Virtual Tours
Manage 3DMovies
36
Account status
Log out
See Diagram D
Add a 3D Movie
URL list
Show 3DMovies
Modify 3DMovies
Delete 3DMovies
Descriptions
38
Choose updated image and audio files and enter new title and files
Add music
64
Fig. 5
Upload modifications
Missing files? (detected by system)
44
Yes
No
Select and upload missing files
46
Success. System creates 3DMovie layouts, saves files and creates database entries. Returns 3DMovie URLs to users
48
Log out
End

Fig. 3

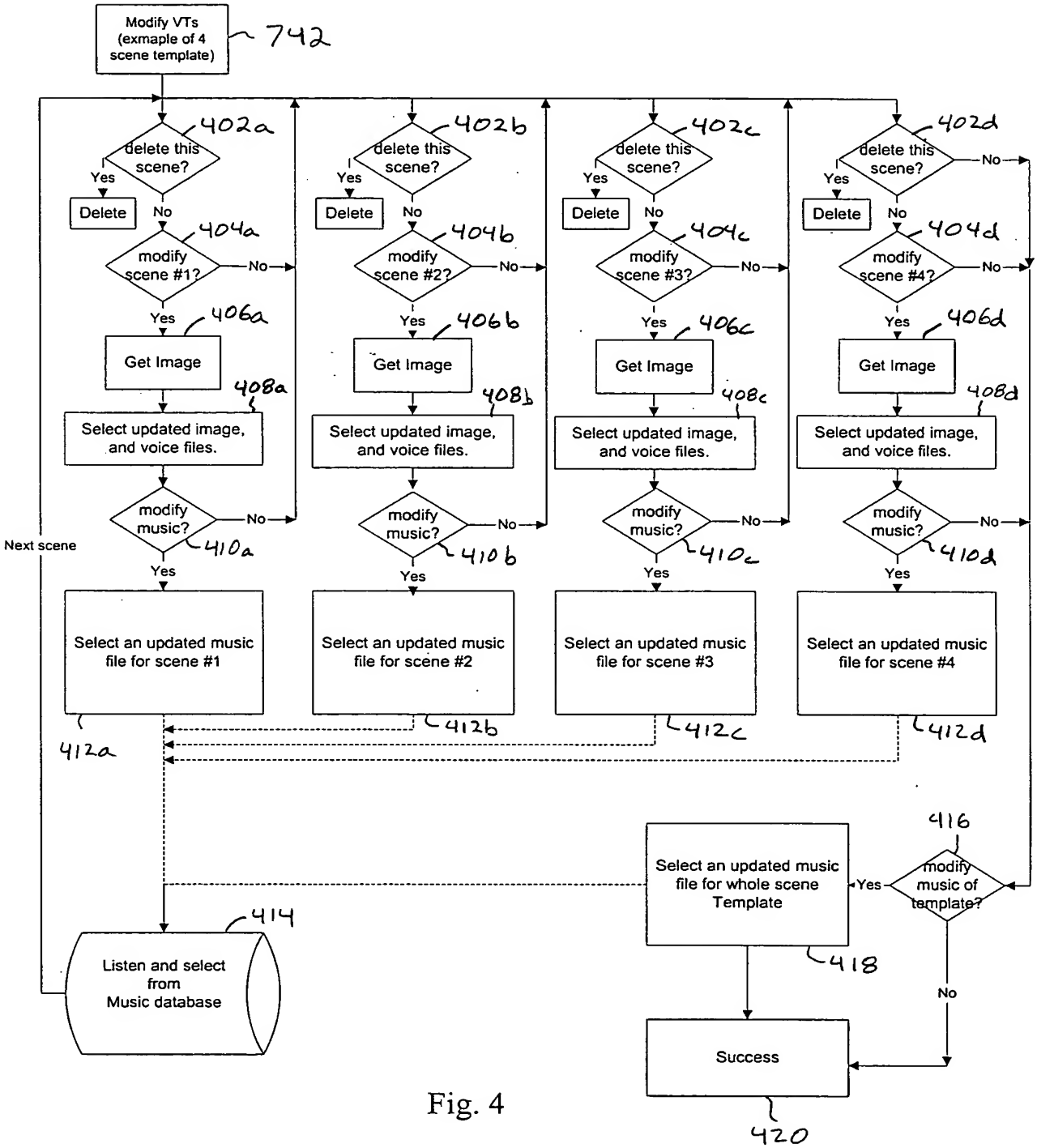
Modify VTs (exmaple of 4 scene template)
742
402a
delete this scene?
Yes
Delete
No
404a
modify scene #1?
No
Yes
406a
Get Image
408a
Select updated image, and voice files.
modify music?
No
410a
Yes
Next scene
Select an updated music file for scene #1
412a
402b
delete this scene?
Yes
Delete
No
404b
modify scene #2?
No
Yes
406b
Get Image
408b
Select updated image, and voice files.
modify music?
No
410b
Yes
Select an updated music file for scene #2
412b
402c
delete this scene?
Yes
Delete
No
404c
modify scene #3?
No
Yes
406c
Get Image
408c
Select updated image, and voice files.
modify music?
No
410c
Yes
Select an updated music file for scene #3
412c
402d
delete this scene?
No
Yes
Delete
No
404d
modify scene #4?
No
Yes
406d
Get Image
408d
Select updated image, and voice files.
modify music?
No
410d
Yes
Select an updated music file for scene #4
412d
416
modify music of template?
Yes
No
Select an updated music file for whole scene Template
418
414
Listen and select from Music database
Success
420

Fig. 4

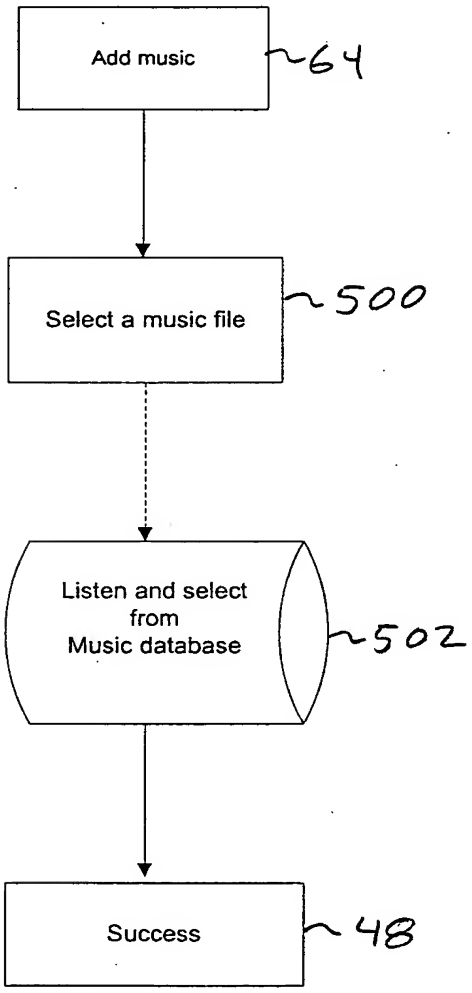
Add music
64
Select a music file
500
Listen and select from Music database
502
Success
48

Fig. 5

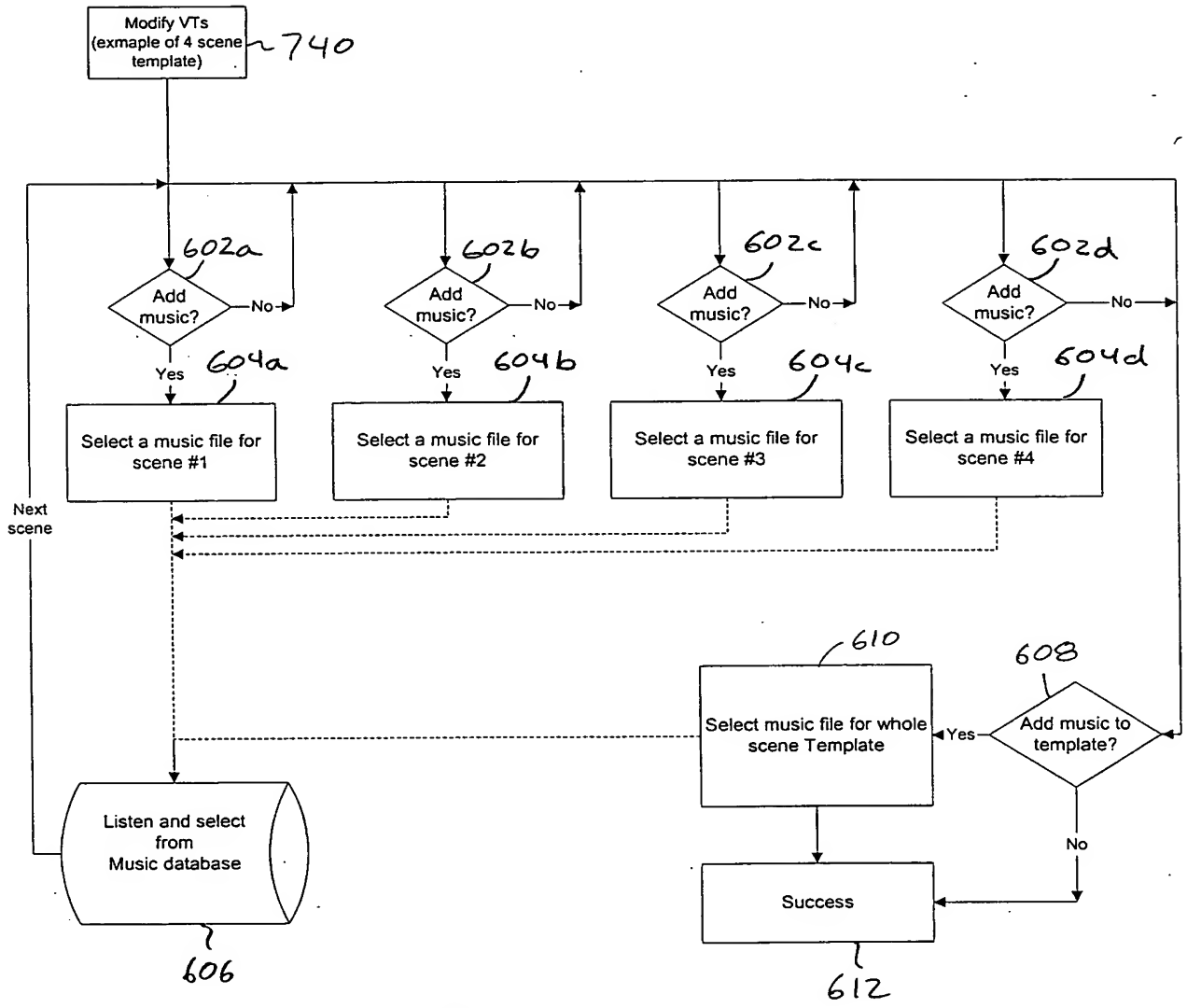
Modify VTs (exmaple of 4 scene template)
740
602a
Add music?
No
Yes
604a
Select a music file for scene #1
602b
Add music?
No
Yes
604b
Select a music file for scene #2
602c
Add music?
No
Yes
604c
Select a music file for scene #3
602d
Add music?
No
Yes
604d
Select a music file for scene #4
Next scene
610
Select music file for whole scene Template
608
Add music to template?
Yes
No
Listen and select from Music database
606
Success
612

Fig. 6

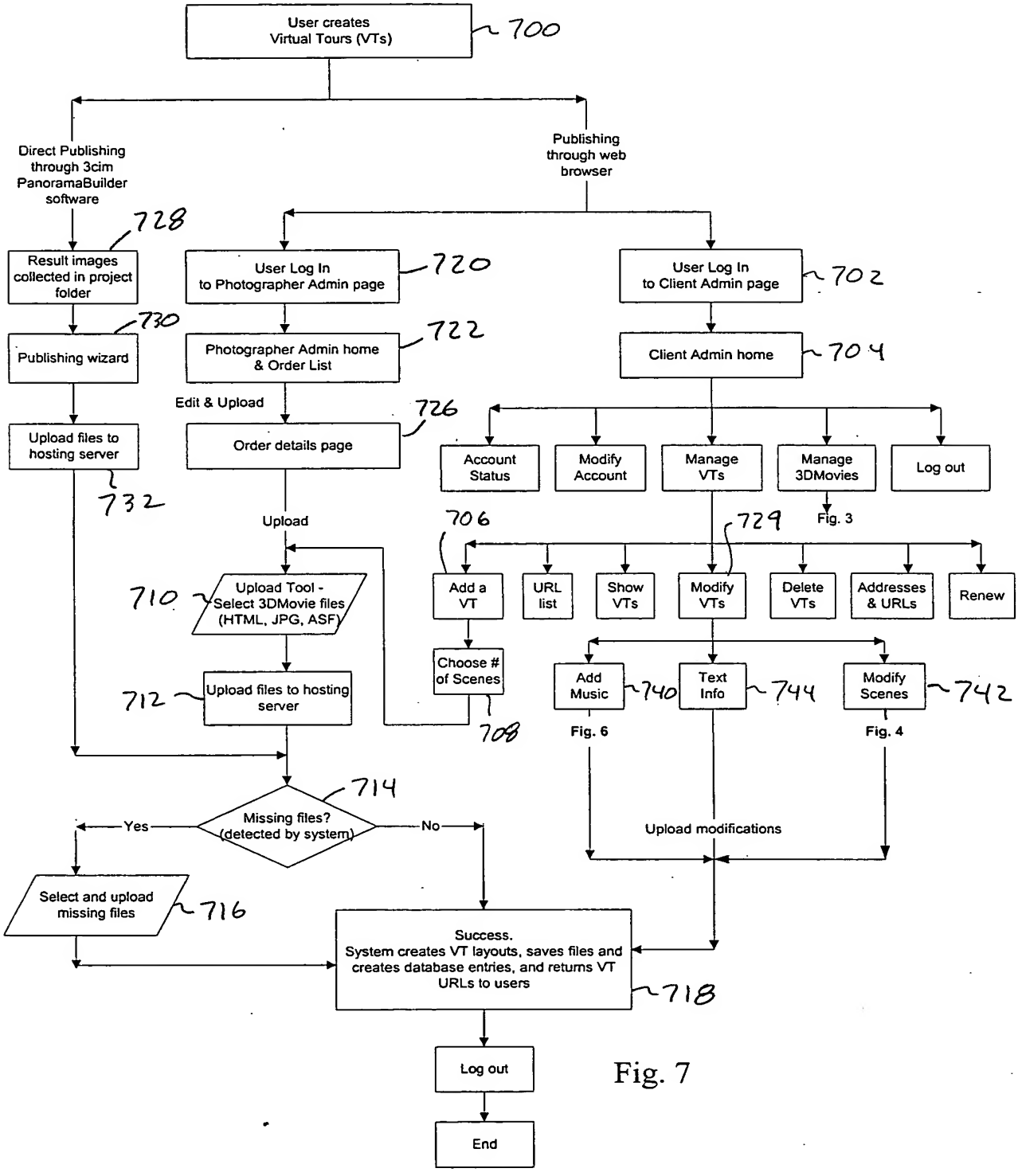
User creates Virtual Tours (VTs)
700
Direct Publishing through 3cim PanoramaBuilder software
Publishing through web browser
728
Result images collected in project folder
730
Publishing wizard
Upload files to hosting server
732
User Log In to Photographer Admin page
720
Photographer Admin home & Order List
722
Edit & Upload
Order details page
726
Upload
710
Upload Tool - Select 3DMovie files (HTML, JPG, ASF)
712
Upload files to hosting server
708
User Log In to Client Admin page
702
Client Admin home
704
Account Status
Modify Account
Manage VTs
Manage 3DMovies
Log out
Fig. 3
706
729
Add a VT
URL list
Show VTs
Modify VTs
Delete VTs
Addresses & URLs
Renew
Choose # of Scenes
Add Music
740
Text Info
744
Modify Scenes
742
Fig. 6
Fig. 4
Upload modifications
714
Missing files? (detected by system)
Yes
No
Select and upload missing files
716
Success. System creates VT layouts, saves files and creates database entries, and returns VT URLs to users
718
Log out
End

Fig. 7

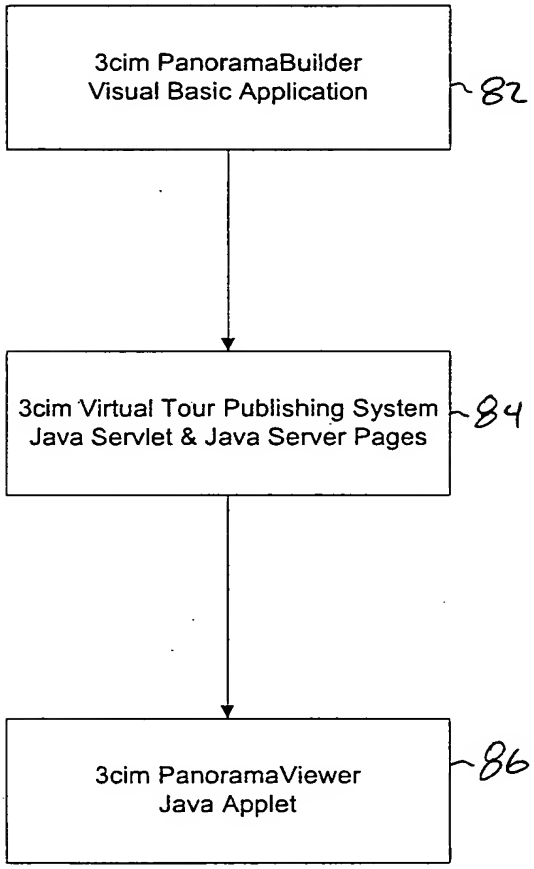
3cim PanoramaBuilder
Visual Basic Application
82
3cim Virtual Tour Publishing System
Java Servlet & Java Server Pages
84
3cim PanoramaViewer
Java Applet
86

Fig. 8

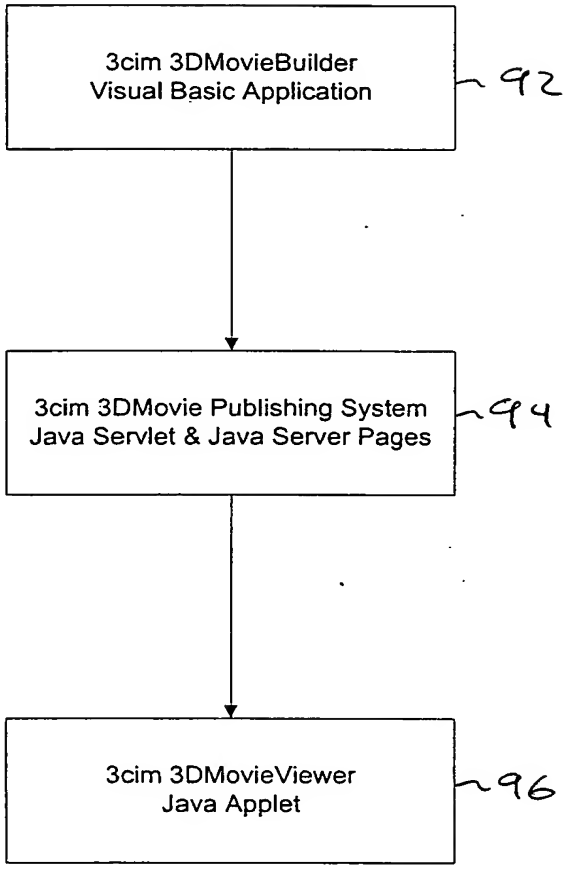
3cim 3DMovieBuilder
Visual Basic Application
92
3cim 3DMovie Publishing System
Java Servlet & Java Server Pages
94
3cim 3DMovieViewer
Java Applet
96

Fig. 9

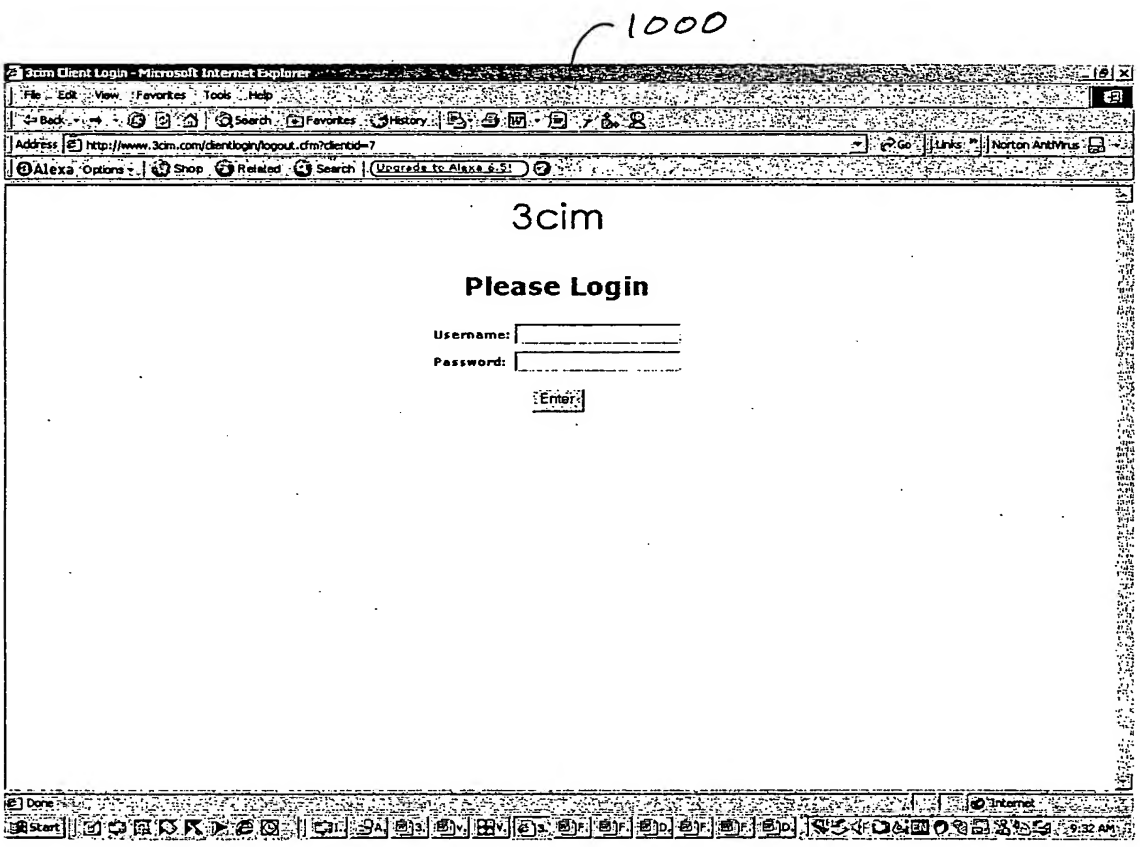
1000
3cim Client Login - Microsoft Internet Explorer
3cim
Please Login
Username:
Password:
Enter

Fig. 10

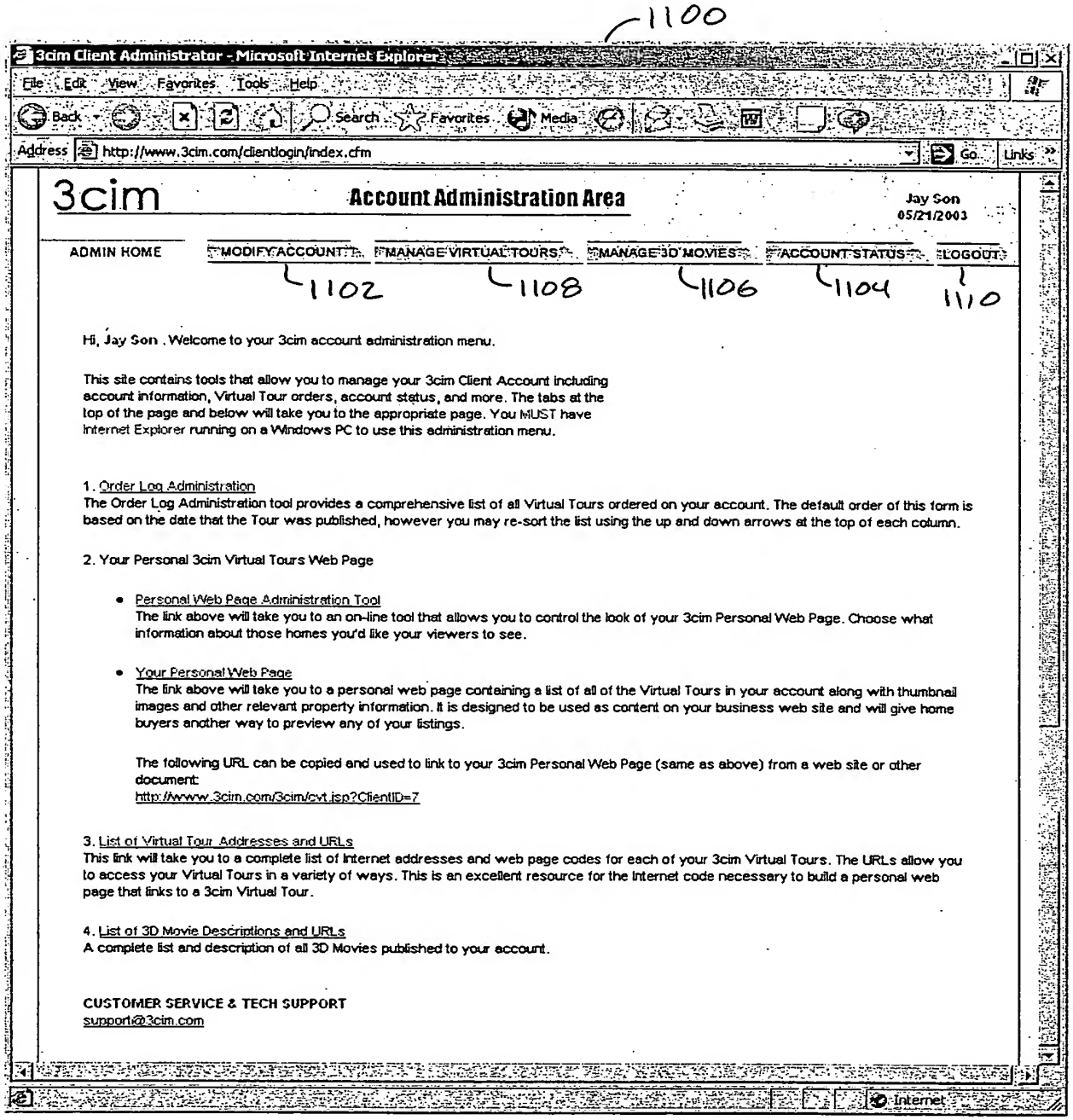
1100
3cim Client Administrator - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address http://www.3cim.com/clientlogin/index.cfm
Go Links
3cim
Account Administration Area
Jay Son
05/21/2003
ADMIN HOME
MODIFY ACCOUNT
MANAGE VIRTUAL TOURS
MANAGE 3D MOVIES
ACCOUNT STATUS
LOGOUT
1102
1108
1106
1104
1110
Hi, Jay Son . Welcome to your 3cim account administration menu.
This site contains tools that allow you to manage your 3cim Client Account including account information, Virtual Tour orders, account status, and more. The tabs at the top of the page and below will take you to the appropriate page. You MUST have Internet Explorer running on a Windows PC to use this administration menu.
1. Order Log Administration
The Order Log Administration tool provides a comprehensive list of all Virtual Tours ordered on your account. The default order of this form is based on the date that the Tour was published, however you may re-sort the list using the up and down arrows at the top of each column.
2. Your Personal 3cim Virtual Tours Web Page
Personal Web Page Administration Tool
The link above will take you to an on-line tool that allows you to control the look of your 3cim Personal Web Page. Choose what information about those homes you'd like your viewers to see.
Your Personal Web Page
The link above will take you to a personal web page containing a list of all of the Virtual Tours in your account along with thumbnail images and other relevant property information. It is designed to be used as content on your business web site and will give home buyers another way to preview any of your listings.
The following URL can be copied and used to link to your 3cim Personal Web Page (same as above) from a web site or other document:
http://www.3cim.com/3cim/cvt.jsp?ClientID=7
3. List of Virtual Tour Addresses and URLs
This link will take you to a complete list of Internet addresses and web page codes for each of your 3cim Virtual Tours. The URLs allow you to access your Virtual Tours in a variety of ways. This is an excellent resource for the Internet code necessary to build a personal web page that links to a 3cim Virtual Tour.
4. List of 3D Movie Descriptions and URLs
A complete list and description of all 3D Movies published to your account.
CUSTOMER SERVICE & TECH SUPPORT
support@3cim.com
Internet

Fig. 11

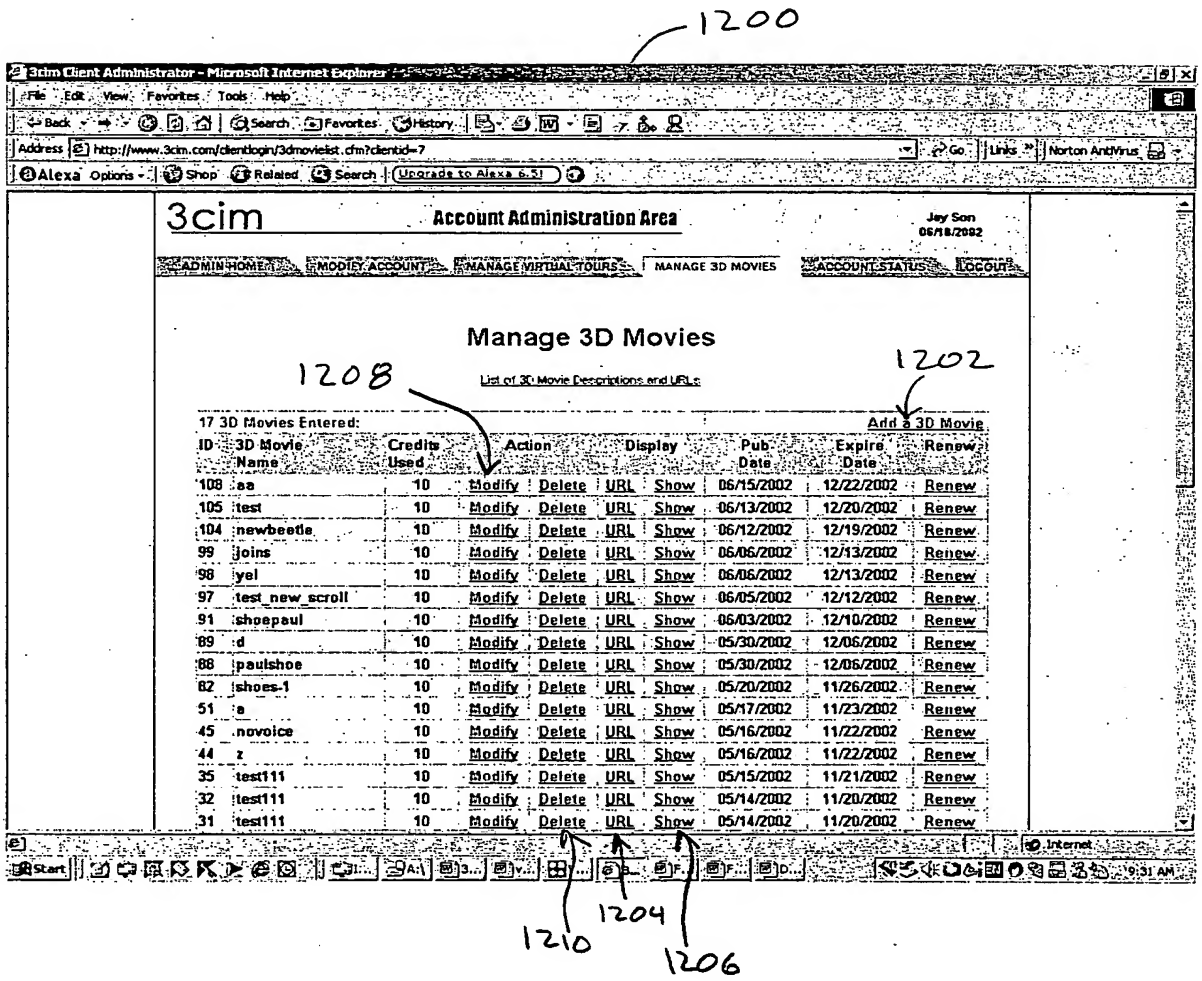
1200
3cim Client Administrator - Microsoft Internet Explorer
3cim
Account Administration Area
Jay Son
06/18/2002
ADMIN HOME
MODIFY ACCOUNT
MANAGE VIRTUAL TOURS
MANAGE 3D MOVIES
ACCOUNT STATUS
LOGOUT
Manage 3D Movies
1208
1202
List of 3D Movie Descriptions and URLs
17 3D Movies Entered:
Add a 3D Movie
ID | 3D Movie Name | Credits Used | Action | Display | Pub Date | Expire Date | Renew
108 | aa | 10 | Modify | Delete | URL | Show | 06/15/2002 | 12/22/2002 | Renew
105 | test | 10 | Modify | Delete | URL | Show | 06/13/2002 | 12/20/2002 | Renew
104 | newbeetle | 10 | Modify | Delete | URL | Show | 06/12/2002 | 12/19/2002 | Renew
99 | joins | 10 | Modify | Delete | URL | Show | 06/06/2002 | 12/13/2002 | Renew
98 | yel | 10 | Modify | Delete | URL | Show | 06/06/2002 | 12/13/2002 | Renew
97 | test_new_scroll | 10 | Modify | Delete | URL | Show | 06/05/2002 | 12/12/2002 | Renew
91 | shoepaul | 10 | Modify | Delete | URL | Show | 06/03/2002 | 12/10/2002 | Renew
89 | d | 10 | Modify | Delete | URL | Show | 05/30/2002 | 12/06/2002 | Renew
88 | paulshoe | 10 | Modify | Delete | URL | Show | 05/30/2002 | 12/06/2002 | Renew
82 | shoes-1 | 10 | Modify | Delete | URL | Show | 05/20/2002 | 11/26/2002 | Renew
51 | a | 10 | Modify | Delete | URL | Show | 05/17/2002 | 11/23/2002 | Renew
45 | novoice | 10 | Modify | Delete | URL | Show | 05/16/2002 | 11/22/2002 | Renew
44 | z | 10 | Modify | Delete | URL | Show | 05/16/2002 | 11/22/2002 | Renew
35 | test111 | 10 | Modify | Delete | URL | Show | 05/15/2002 | 11/21/2002 | Renew
32 | test111 | 10 | Modify | Delete | URL | Show | 05/14/2002 | 11/20/2002 | Renew
31 | test111 | 10 | Modify | Delete | URL | Show | 05/14/2002 | 11/20/2002 | Renew
1210
1204
1206

Fig. 12

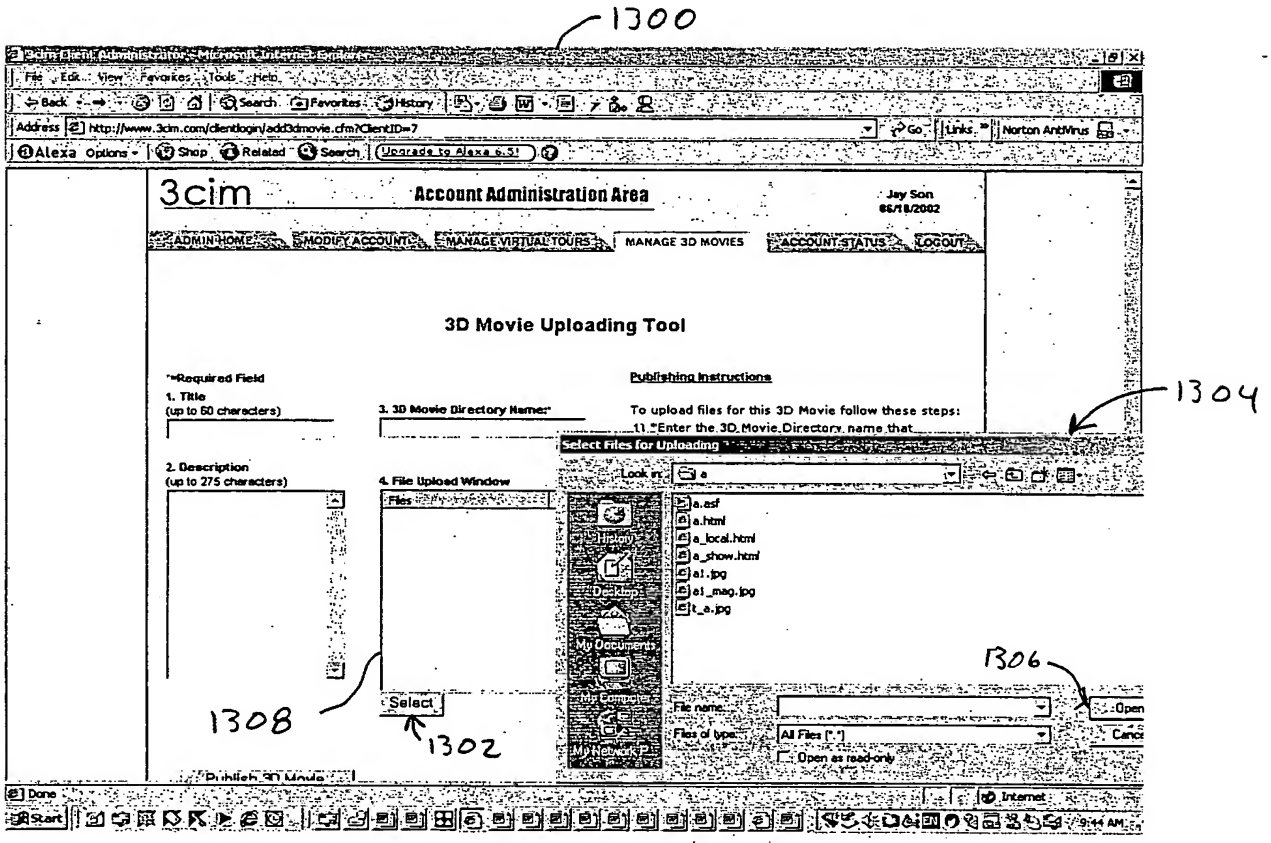
1300
3cim
Account Administration Area
Jay Son
06/18/2002
ADMIN HOME
MODIFY ACCOUNT
MANAGE VIRTUAL TOURS
MANAGE 3D MOVIES
ACCOUNT STATUS
LOGOUT
3D Movie Uploading Tool
*Required Field
1. Title
(up to 60 characters)
2. Description
(up to 275 characters)
3. 3D Movie Directory Name:*
4. File Upload Window
Publishing Instructions
To upload files for this 3D Movie follow these steps:
1. *Enter the 3D Movie Directory name that
Select Files for Uploading
Look in:
a.asf
a.html
a_local.html
a_show.html
a1.jpg
a1_mag.jpg
t_a.jpg
Files
Select
File name:
Files of type:
All Files (*.*)
Open as read-only
Open
Cancel
1304
1306
1308
1302

Fig. 13

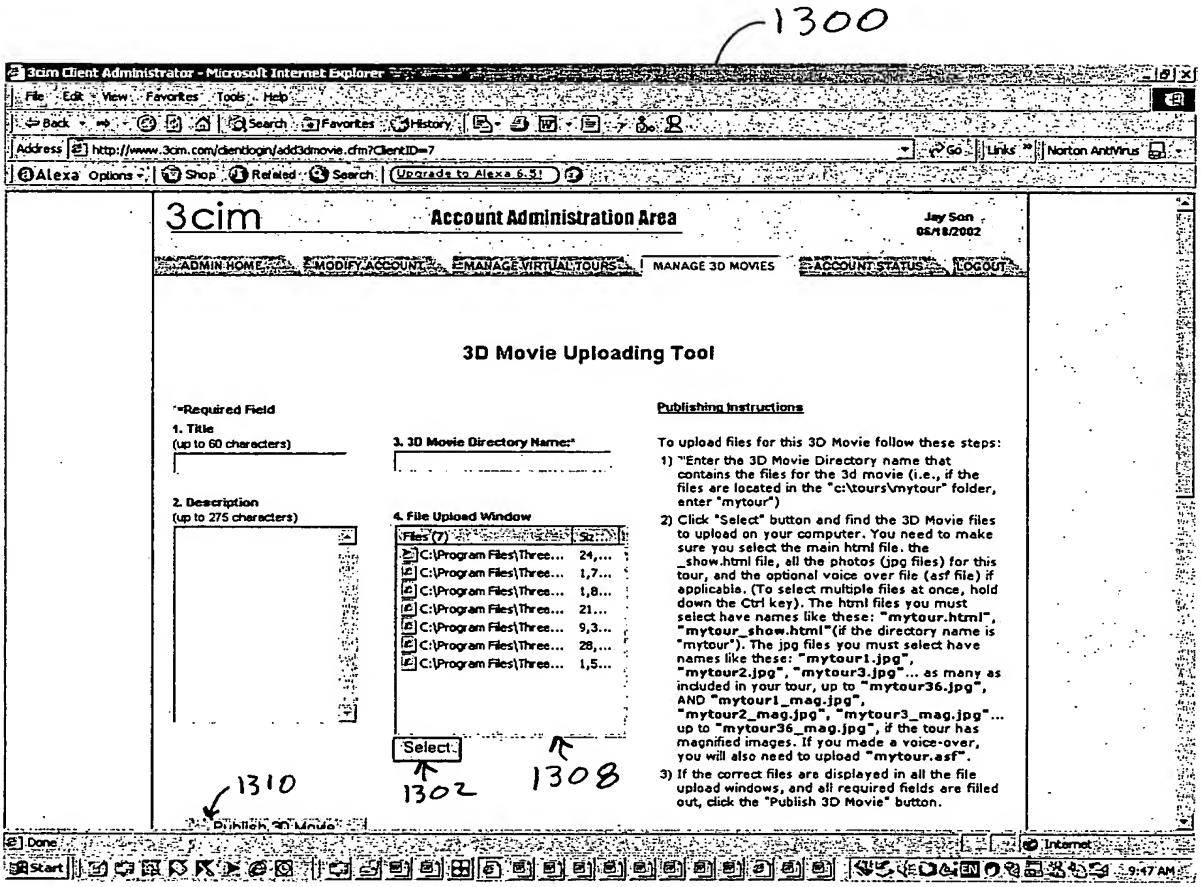
1300
3cim Client Administrator - Microsoft Internet Explorer
3cim
Account Administration Area
Jay Son
06/18/2002
ADMIN HOME
MODIFY ACCOUNT
MANAGE VIRTUAL TOURS
MANAGE 3D MOVIES
ACCOUNT STATUS
LOGOUT
3D Movie Uploading Tool
*=Required Field
1. Title
(up to 60 characters)
2. Description
(up to 275 characters)
3. 3D Movie Directory Name:*
4. File Upload Window
Files (7)
Select...
Publish 3D Movie
1310
1302
1308
Publishing Instructions
To upload files for this 3D Movie follow these steps:
1) "Enter the 3D Movie Directory name that contains the files for the 3d movie (i.e., if the files are located in the "c:\tours\mytour" folder, enter "mytour")
2) Click "Select" button and find the 3D Movie files to upload on your computer. You need to make sure you select the main html file. the _show.html file, all the photos (jpg files) for this tour, and the optional voice over file (asf file) if applicable. (To select multiple files at once, hold down the Ctrl key). The html files you must select have names like these: "mytour.html", "mytour_show.html"(if the directory name is "mytour"). The jpg files you must select have names like these: "mytour1.jpg", "mytour2.jpg", "mytour3.jpg"... as many as included in your tour, up to "mytour36.jpg", AND "mytour1_mag.jpg", "mytour2_mag.jpg", "mytour3_mag.jpg"... up to "mytour36_mag.jpg", if the tour has magnified images. If you made a voice-over, you will also need to upload "mytour.asf".
3) If the correct files are displayed in all the file upload windows, and all required fields are filled out, click the "Publish 3D Movie" button.

Fig. 14

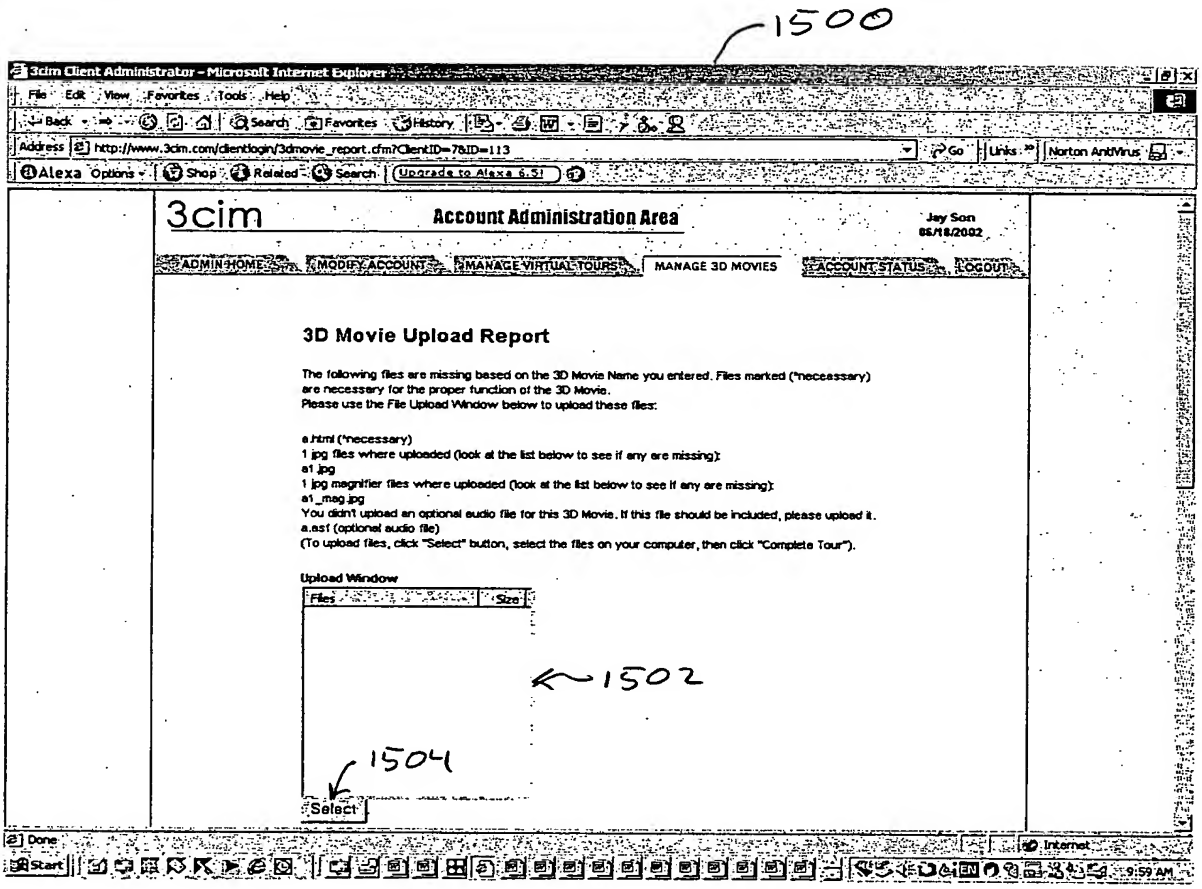
1500
3cim Client Administrator - Microsoft Internet Explorer
3cim
Account Administration Area
Jay Son
ADMIN HOME
MODIFY ACCOUNT
MANAGE VIRTUAL TOURS
MANAGE 3D MOVIES
ACCOUNT STATUS
LOGOUT
3D Movie Upload Report
The following files are missing based on the 3D Movie Name you entered. Files marked (*necessary) are necessary for the proper function of the 3D Movie.
Please use the File Upload Window below to upload these files:
a.html (*necessary)
1 jpg files where uploaded (look at the list below to see if any are missing):
a1.jpg
1 jpg magnifier files where uploaded (look at the list below to see if any are missing):
a1_mag.jpg
You didn't upload an optional audio file for this 3D Movie. If this file should be included, please upload it.
a.asf (optional audio file)
(To upload files, click "Select" button, select the files on your computer, then click "Complete Tour").
Upload Window
Files
Size
1502
1504
Select

Fig. 15

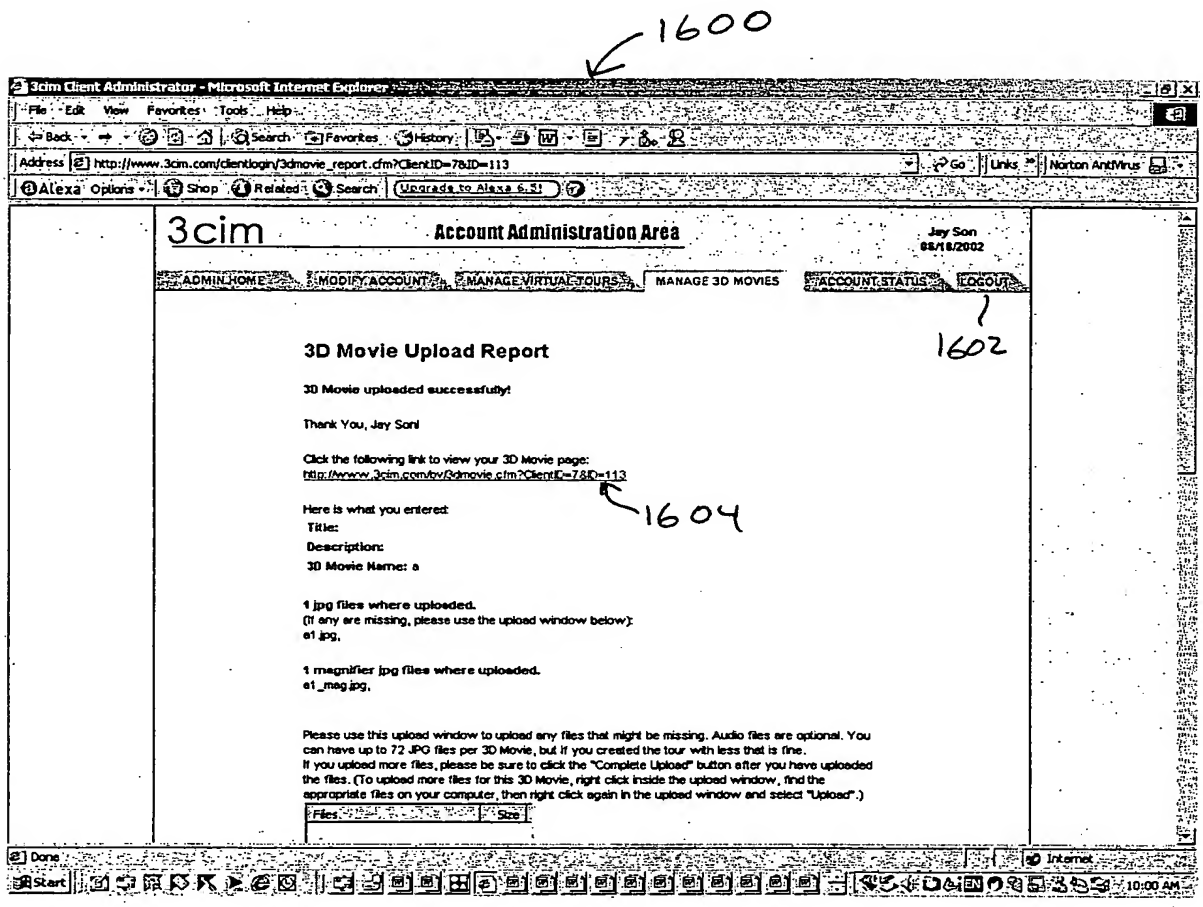
1600
3cim Client Administrator - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Address http://www.3cim.com/clientlogin/3dmovie_report.cfm?ClientID=7&ID=113
Alexa Options Shop Related Search Upgrade to Alexa 6.5!
3cim
Account Administration Area
Jay Son
05/16/2002
ADMIN HOME
MODIFY ACCOUNT
MANAGE VIRTUAL TOURS
MANAGE 3D MOVIES
ACCOUNT STATUS
LOGOUT
1602
3D Movie Upload Report
3D Movie uploaded successfully!
Thank You, Jay Son!
Click the following link to view your 3D Movie page:
http://www.3cim.com/tv/3dmovie.cfm?ClientID=7&ID=113
1604
Here is what you entered:
Title:
Description:
3D Movie Name: a
1 jpg files where uploaded.
(If any are missing, please use the upload window below):
e1.jpg,
1 magnifier jpg files where uploaded.
e1_mag.jpg,
Please use this upload window to upload any files that might be missing. Audio files are optional. You can have up to 72 JPG files per 3D Movie, but if you created the tour with less that is fine.
If you upload more files, please be sure to click the "Complete Upload" button after you have uploaded the files. (To upload more files for this 3D Movie, right click inside the upload window, find the appropriate files on your computer, then right click again in the upload window and select "Upload".)
Files
Size
Done
Internet
Start
10:00 AM

Fig. 16

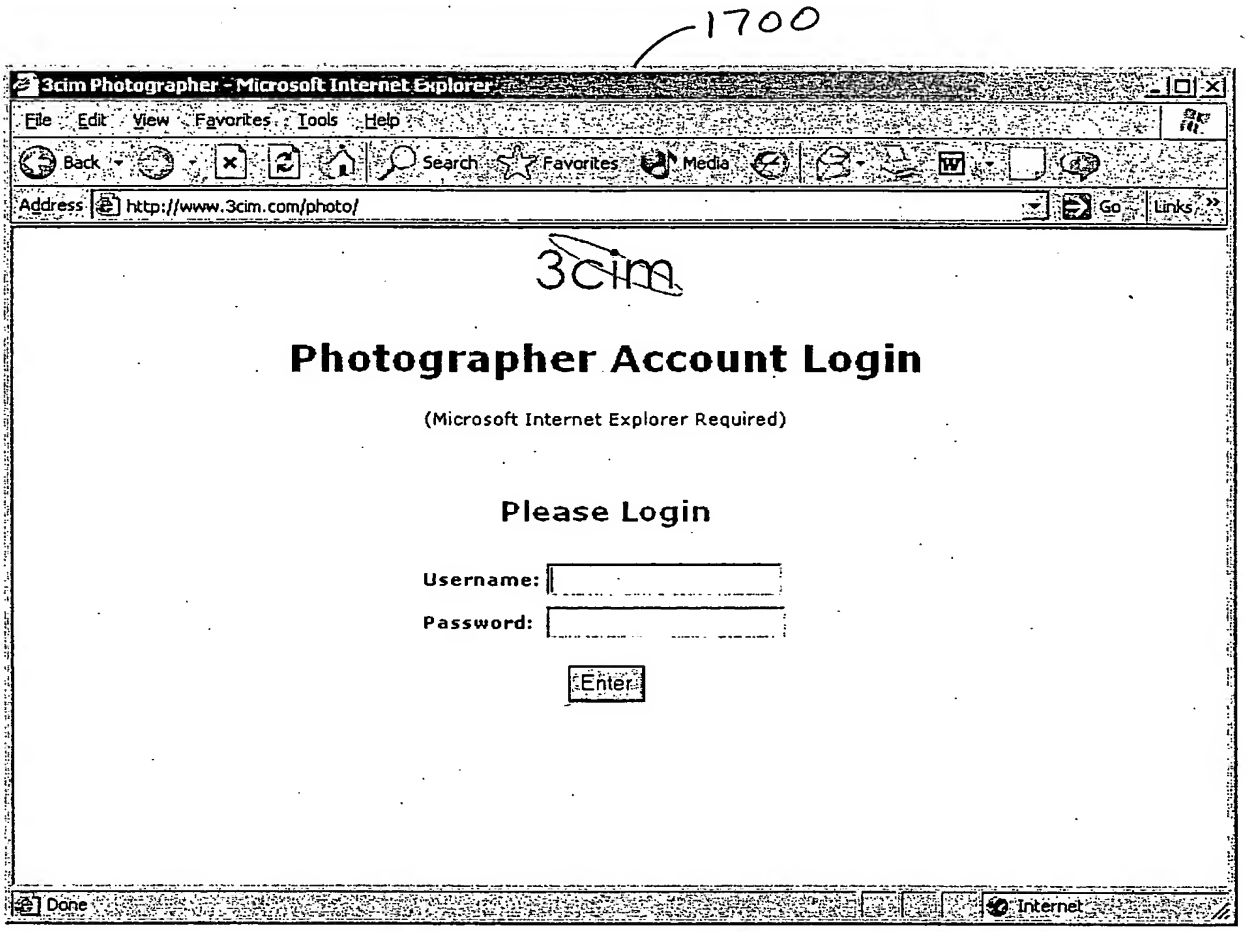
1700
3cim Photographer - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address http://www.3cim.com/photo/
Go Links
3cim
Photographer Account Login
(Microsoft Internet Explorer Required)
Please Login
Username:
Password:
Enter
Done
Internet

Fig. 17

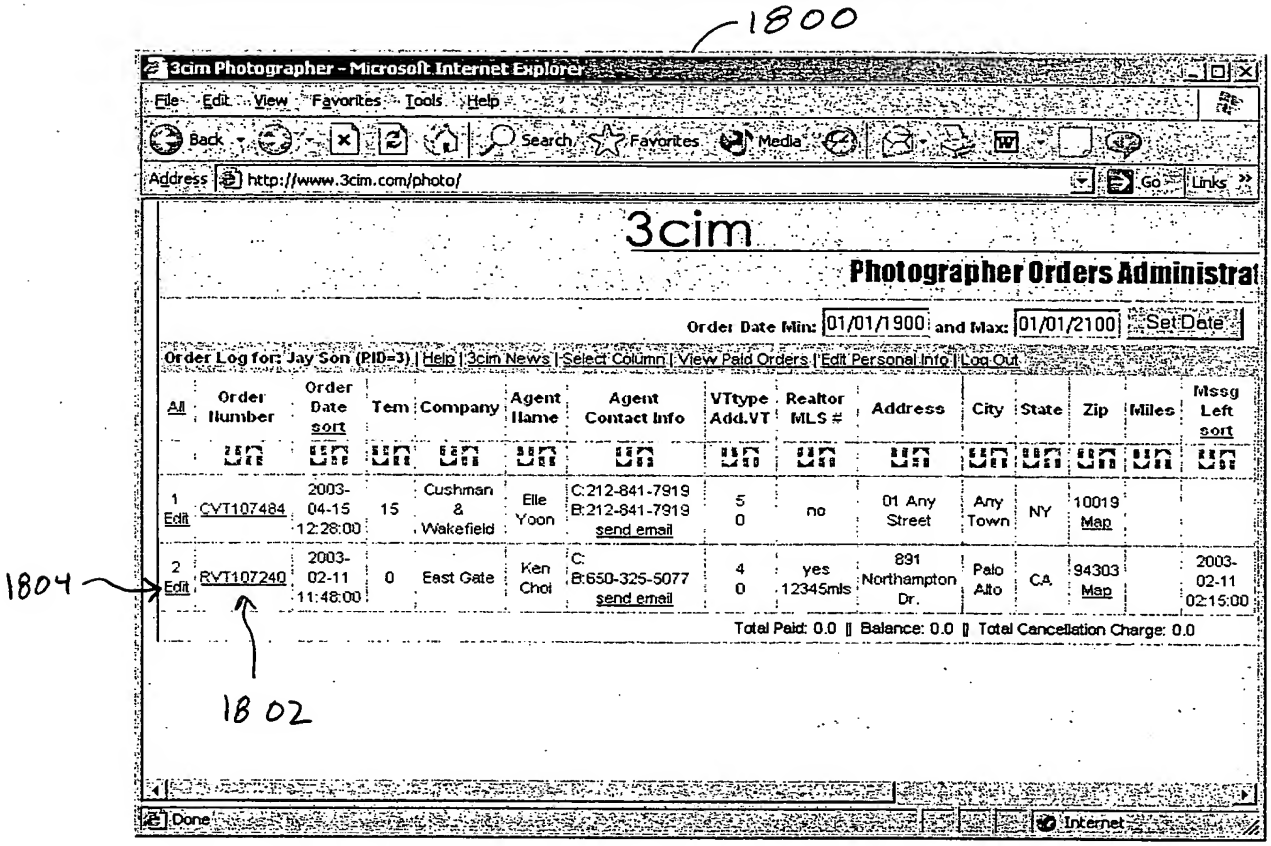
1800
3cim Photographer - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address http://www.3cim.com/photo/
Go Links
3cim
Photographer Orders Administrat
Order Date Min: 01/01/1900 and Max: 01/01/2100 Set Date
Order Log for Jay Son (PID=3) | Help | 3cim News | Select Column | View Paid Orders | Edit Personal Info | Log Out
All | Order Number | Order Date sort | Tem | Company | Agent Name | Agent Contact Info | VTtype Add.VT | Realtor MLS # | Address | City | State | Zip | Miles | Mssg Left sort
1 Edit | CVT107484 | 2003-04-15 12:26:00 | 15 | Cushman & Wakefield | Elle Yoon | C:212-841-7919 B:212-841-7919 send email | 5 0 | no | 01 Any Street | Any Town | NY | 10019 Map
2 Edit | RVT107240 | 2003-02-11 11:48:00 | 0 | East Gate | Ken Choi | C: B:650-325-5077 send email | 4 0 | yes 12345mls | 891 Northampton Dr. | Palo Alto | CA | 94303 Map | 2003-02-11 02:15:00
Total Paid: 0.0 || Balance: 0.0 || Total Cancellation Charge: 0.0
1804
1802
Done
Internet

Fig. 18

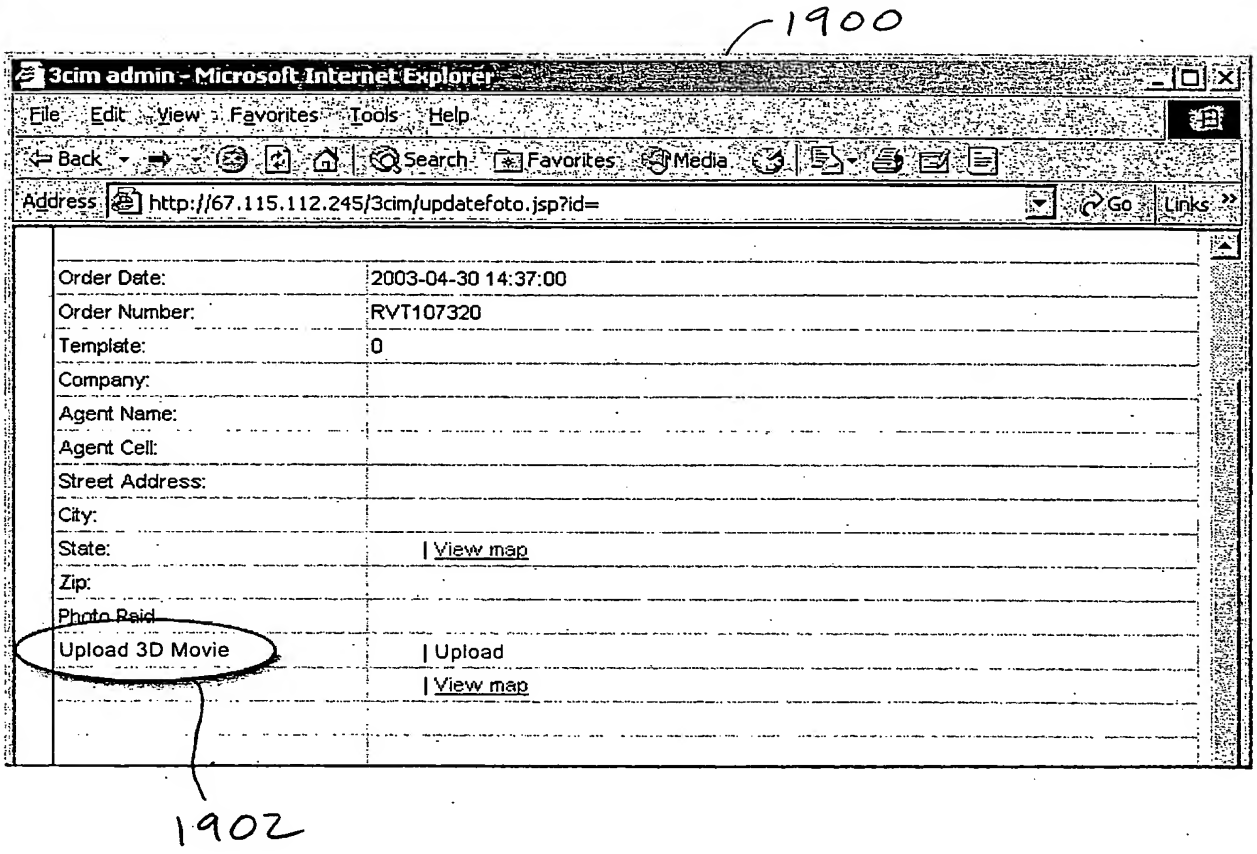
1900
3cim admin - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address http://67.115.112.245/3cim/updatefoto.jsp?id=
Go Links
Order Date: 2003-04-30 14:37:00
Order Number: RVT107320
Template: 0
Company:
Agent Name:
Agent Cell:
Street Address:
City:
State: | View map
Zip:
Photo Paid
Upload 3D Movie | Upload
| View map
1902

Fig. 19

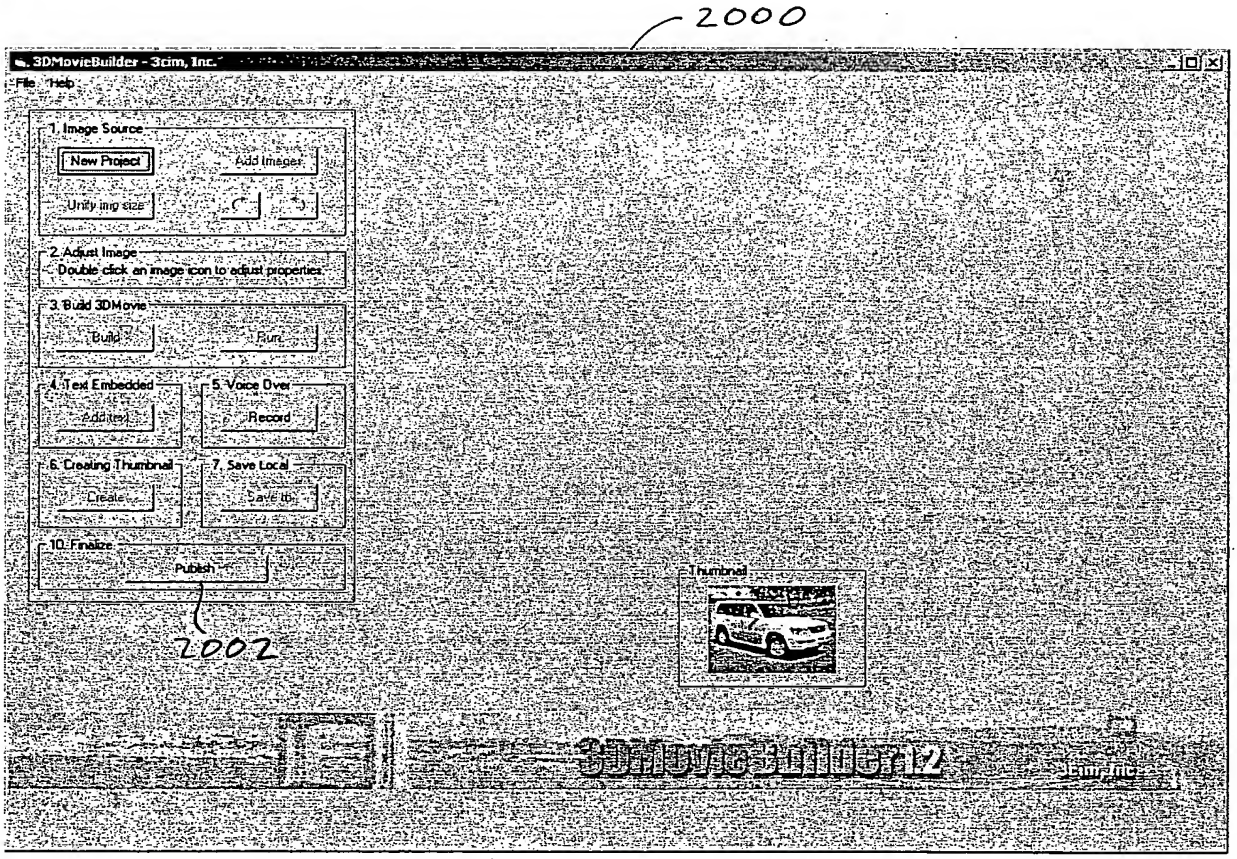
2000
3DMovieBuilder - 3dim, Inc.
File Help
1. Image Source
New Project
Add Images
Unify img size
2. Adjust Image
Double click an image icon to adjust properties
3. Build 3DMovie
Build
Run
4. Text Embedded
Add text
5. Voice Over
Record
6. Creating Thumbnail
Create
7. Save Local
Save to
10. Finalize
Publish
2002
Thumbnail
3DMovieBuilder

Fig. 20

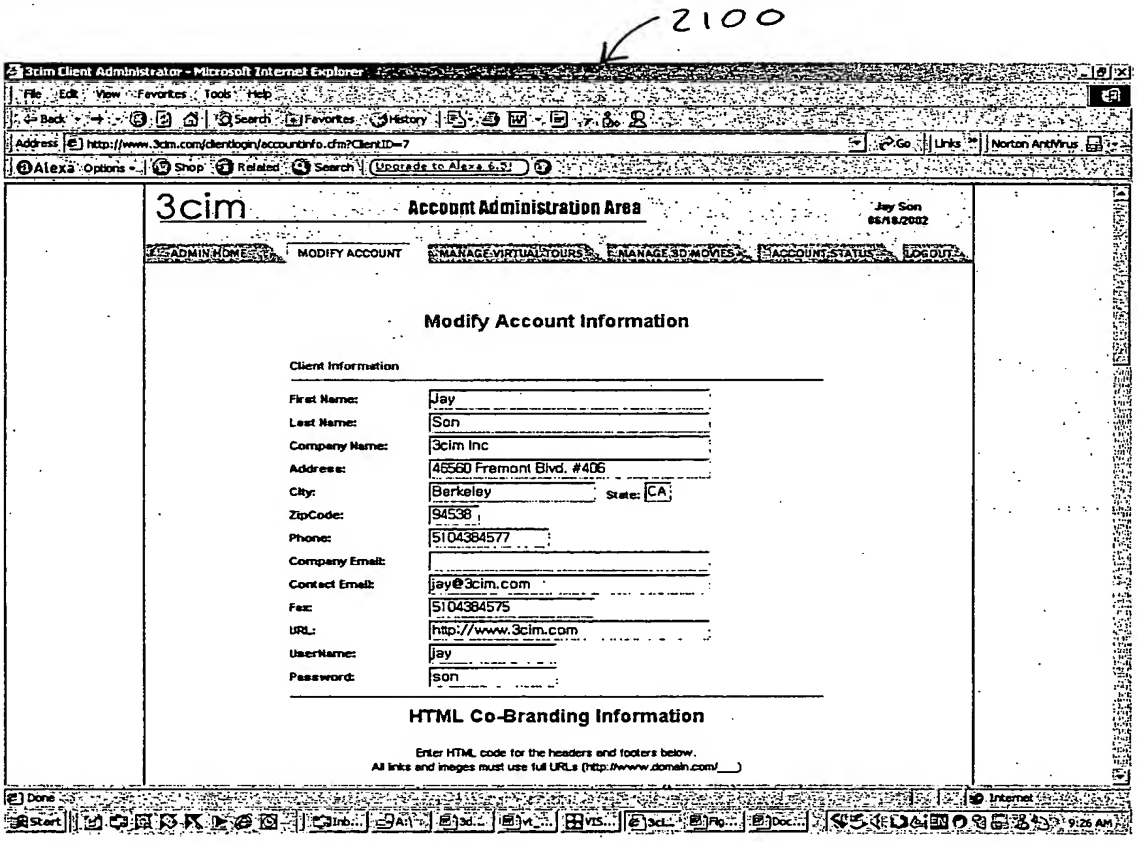
2100
3cim Client Administrator - Microsoft Internet Explorer
3cim
Account Administration Area
Jay Son
05/18/2002
ADMIN HOME
MODIFY ACCOUNT
MANAGE VIRTUAL TOURS
MANAGE 3D MOVIES
ACCOUNT STATUS
LOGOUT
Modify Account Information
Client Information
First Name: Jay
Last Name: Son
Company Name: 3cim Inc
Address: 46560 Fremont Blvd. #406
City: Berkeley
State: CA
ZipCode: 94538
Phone: 5104384577
Company Email:
Contact Email: jay@3cim.com
Fax: 5104384575
URL: http://www.3cim.com
UserName: jay
Password: son
HTML Co-Branding Information
Enter HTML code for the headers and footers below.
All links and images must use full URLs (http://www.domain.com/)

Fig. 21

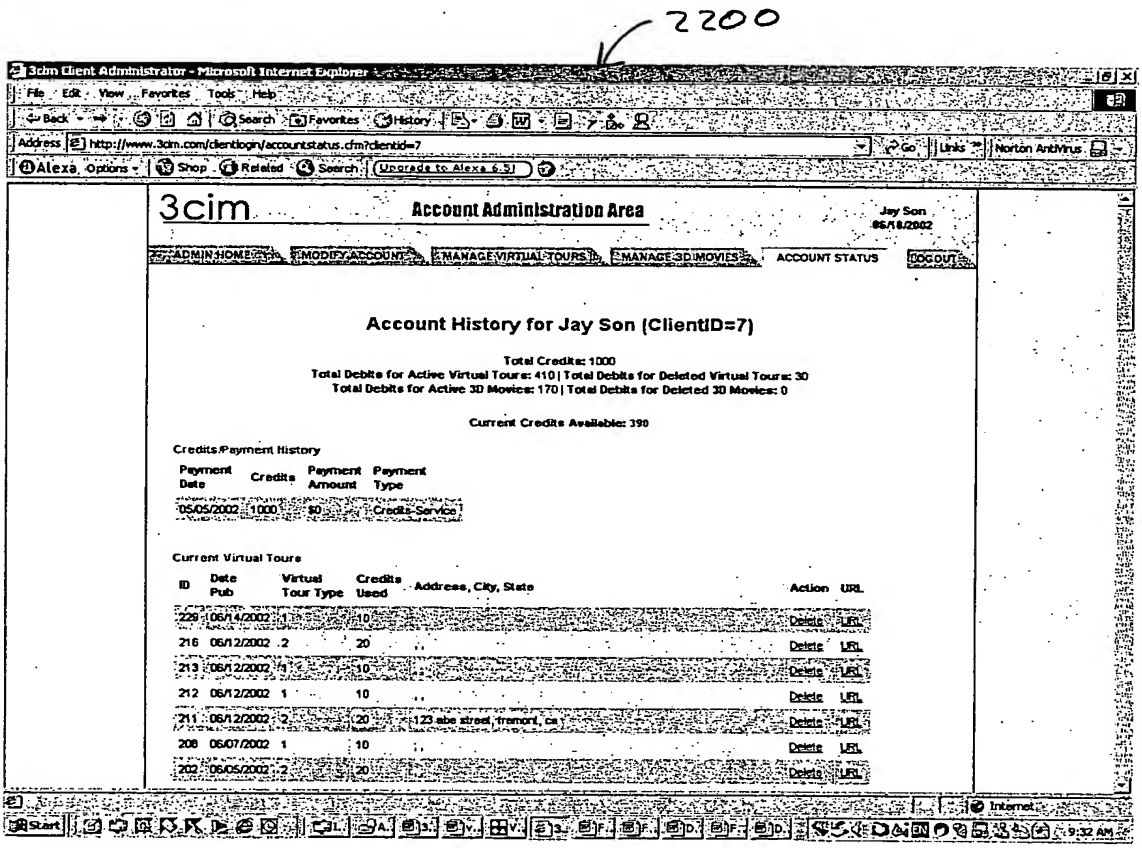
2200
3cim Client Administrator - Microsoft Internet Explorer
3cim
Account Administration Area
Jay Son
05/18/2002
ADMIN HOME
MODIFY ACCOUNT
MANAGE VIRTUAL TOURS
MANAGE 3D MOVIES
ACCOUNT STATUS
LOGOUT
Account History for Jay Son (ClientID=7)
Total Credits: 1000
Total Debits for Active Virtual Tours: 410 | Total Debits for Deleted Virtual Tours: 30
Total Debits for Active 3D Movies: 170 | Total Debits for Deleted 3D Movies: 0
Current Credits Available: 390
Credits/Payment History
Payment Date
Credits
Payment Amount
Payment Type
05/05/2002 1000 $0 Credits Service
Current Virtual Tours
ID
Date Pub
Virtual Tour Type
Credits Used
Address, City, State
Action
URL
229 06/14/2002 1 10 Delete URL
216 06/12/2002 2 20 Delete URL
213 06/12/2002 1 10 Delete URL
212 06/12/2002 1 10 Delete URL
211 06/12/2002 2 20 123 abe street, fremont, ca Delete URL
208 06/07/2002 1 10 Delete URL
202 06/05/2002 2 20 Delete URL

Fig. 22

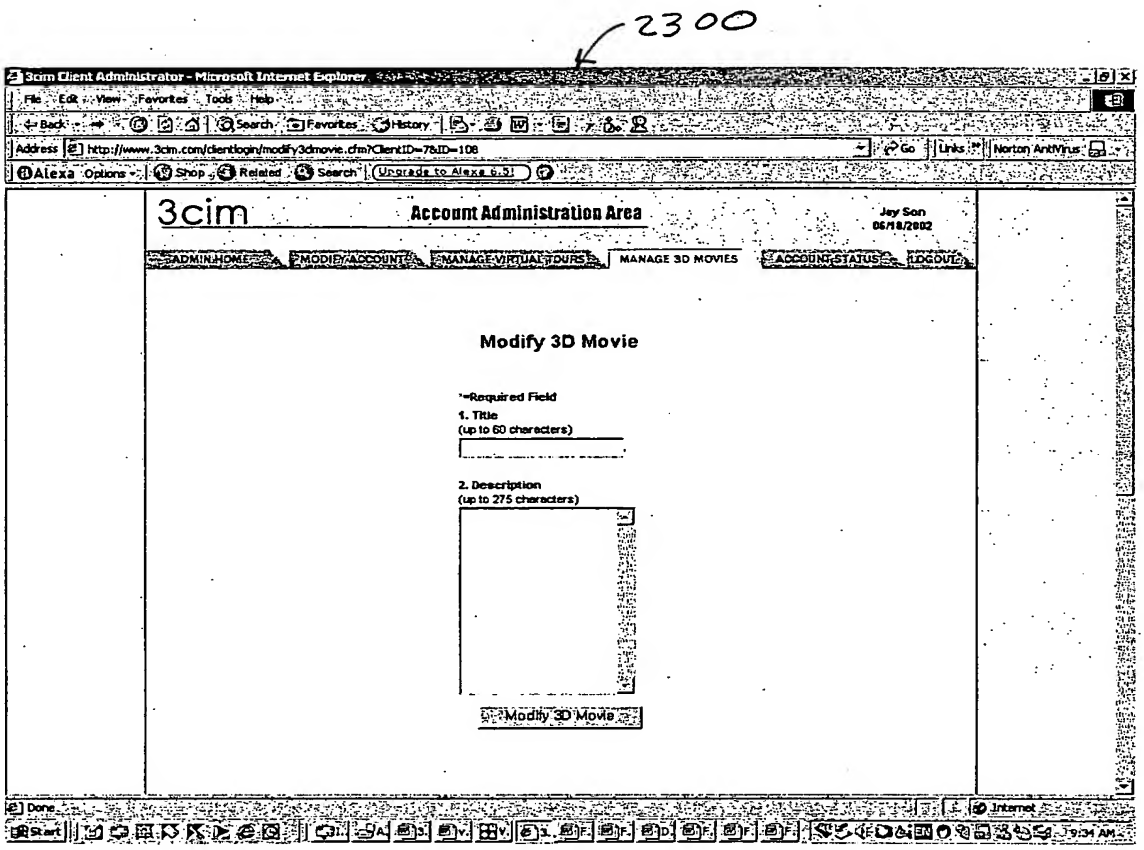
2300
3cim Client Administrator - Microsoft Internet Explorer
3cim
Account Administration Area
Jay Son
06/18/2002
ADMIN HOME
MODIFY ACCOUNT
MANAGE VIRTUAL TOURS
MANAGE 3D MOVIES
ACCOUNT STATUS
LOGOUT
Modify 3D Movie
*=Required Field
1. Title
(up to 60 characters)
2. Description
(up to 275 characters)
Modify 3D Movie

Fig. 23

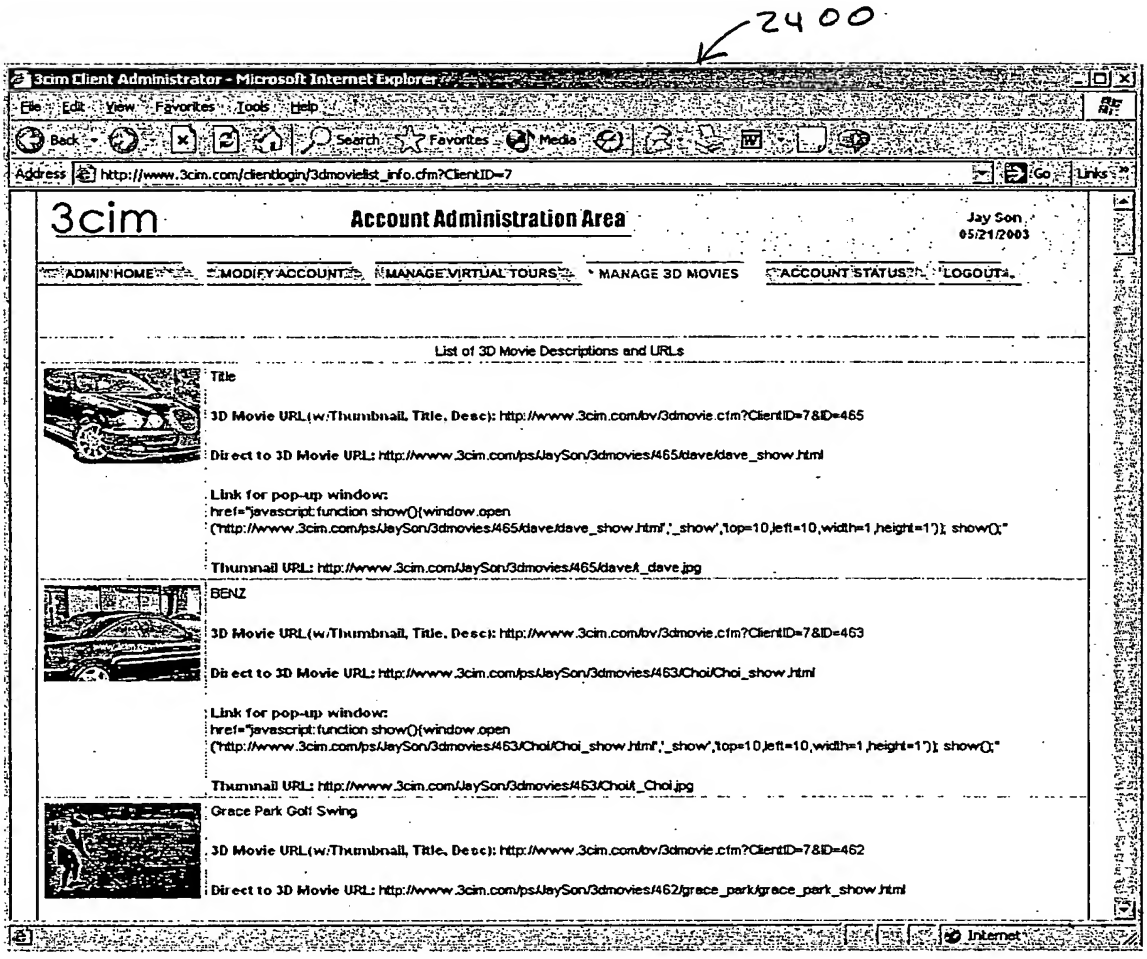
2400
3cim Client Administrator - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address http://www.3cim.com/clientlogin/3dmovielist_info.cfm?ClientID=7
Go Links
3cim
Account Administration Area
Jay Son
05/21/2003
ADMIN HOME
MODIFY ACCOUNT
MANAGE VIRTUAL TOURS
MANAGE 3D MOVIES
ACCOUNT STATUS
LOGOUT
List of 3D Movie Descriptions and URLs
Title
3D Movie URL(w/Thumbnail, Title, Desc): http://www.3cim.com/ov/3dmovie.cfm?ClientID=7&ID=465
Direct to 3D Movie URL: http://www.3cim.com/ps/JaySon/3dmovies/465/dave/dave_show.html
Link for pop-up window:
href="javascript:function show(){window.open
('http://www.3cim.com/ps/JaySon/3dmovies/465/dave/dave_show.html','_show',top=10,left=10,width=1,height=1'); show();"
Thumnail URL: http://www.3cim.com/JaySon/3dmovies/465/dave/t_dave.jpg
BENZ
3D Movie URL(w/Thumbnail, Title, Desc): http://www.3cim.com/ov/3dmovie.cfm?ClientID=7&ID=463
Direct to 3D Movie URL: http://www.3cim.com/ps/JaySon/3dmovies/463/Choi/Choi_show.html
Link for pop-up window:
href="javascript:function show(){window.open
('http://www.3cim.com/ps/JaySon/3dmovies/463/Choi/Choi_show.html','_show',top=10,left=10,width=1,height=1'); show();"
Thumnail URL: http://www.3cim.com/JaySon/3dmovies/463/Choi/t_Choi.jpg
Grace Park Golf Swing
3D Movie URL(w/Thumbnail, Title, Desc): http://www.3cim.com/ov/3dmovie.cfm?ClientID=7&ID=462
Direct to 3D Movie URL: http://www.3cim.com/ps/JaySon/3dmovies/462/grace_park/grace_park_show.html
Internet

Fig. 24

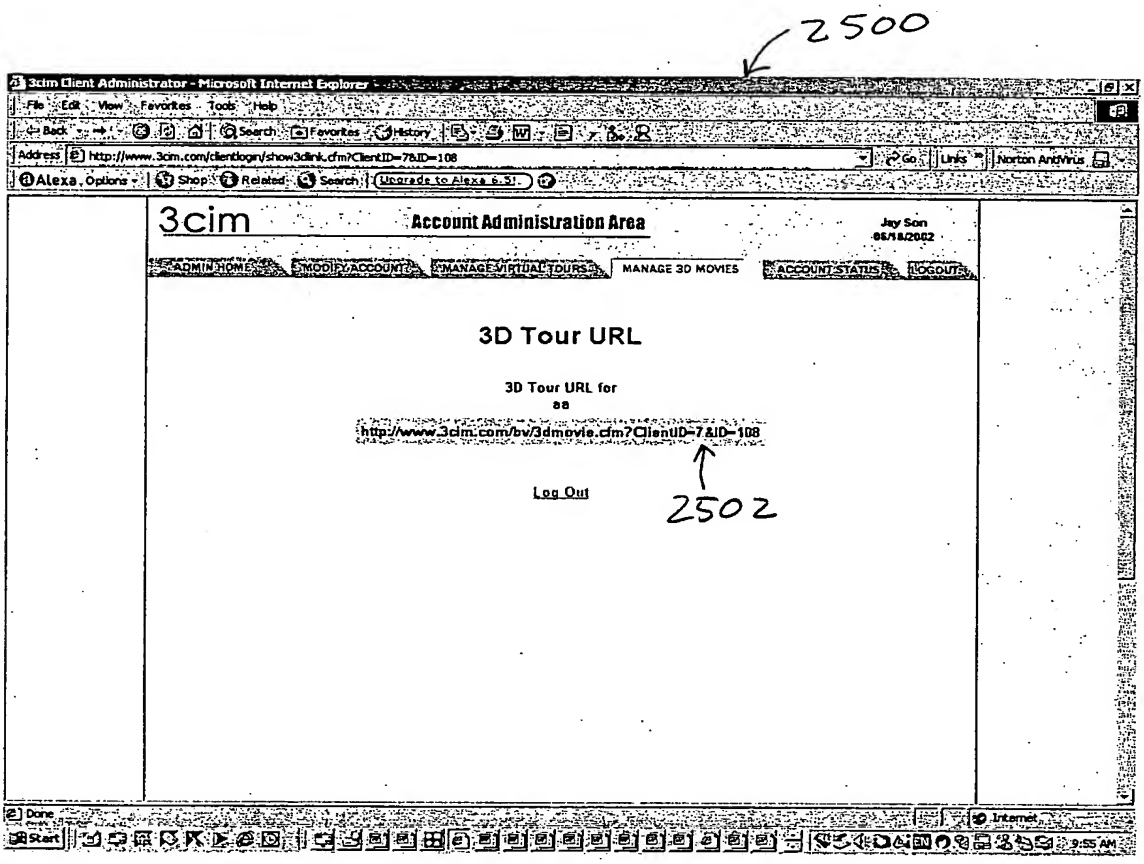
2500
3cim Client Administrator - Microsoft Internet Explorer
http://www.3cim.com/clientlogin/show3dlink.cfm?ClientID=7&ID=108
3cim
Account Administration Area
Jay Son
05/15/2002
ADMIN HOME
MODIFY ACCOUNT
MANAGE VIRTUAL TOURS
MANAGE 3D MOVIES
ACCOUNT STATUS
LOGOUT
3D Tour URL
3D Tour URL for
aa
http://www.3cim.com/bv/3dmovie.cfm?ClientID=7&ID=108
Log Out
2502

Fig. 25

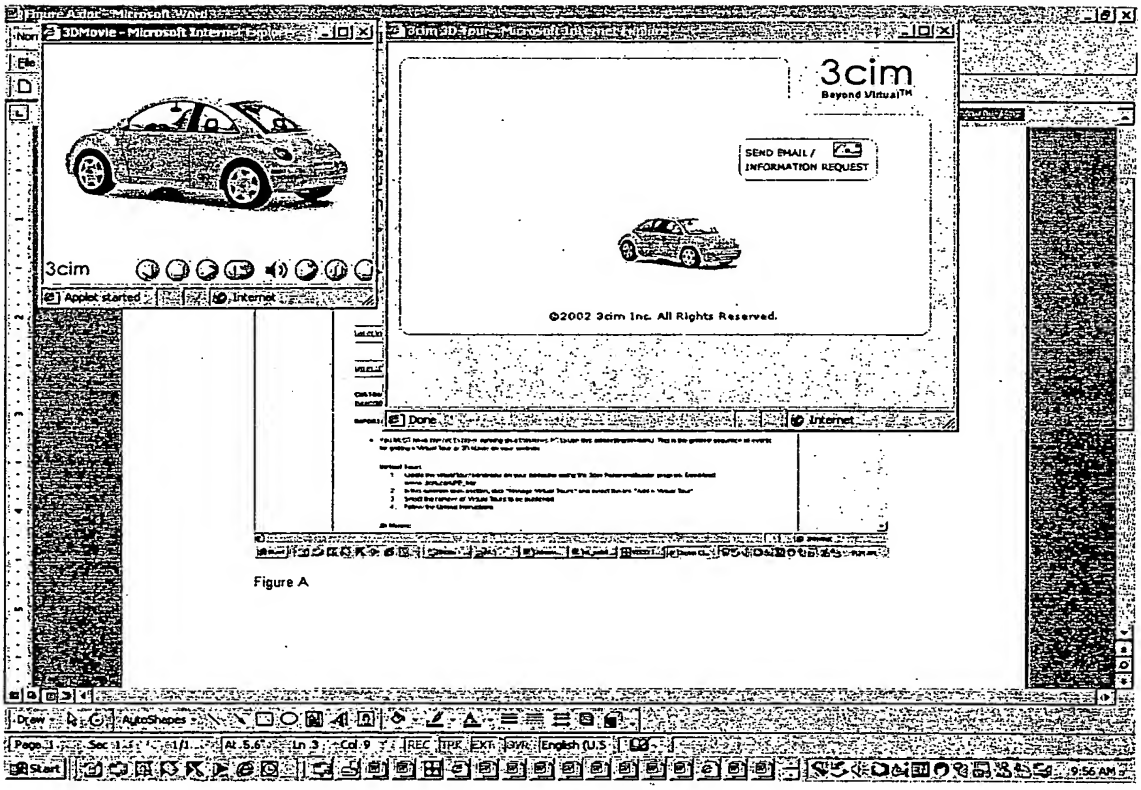
3cim
Beyond Virtual™
SEND EMAIL / INFORMATION REQUEST
©2002 3dim Inc. All Rights Reserved.
Done
Internet
3cim
Applet started
Internet
Figure A

Fig. 26

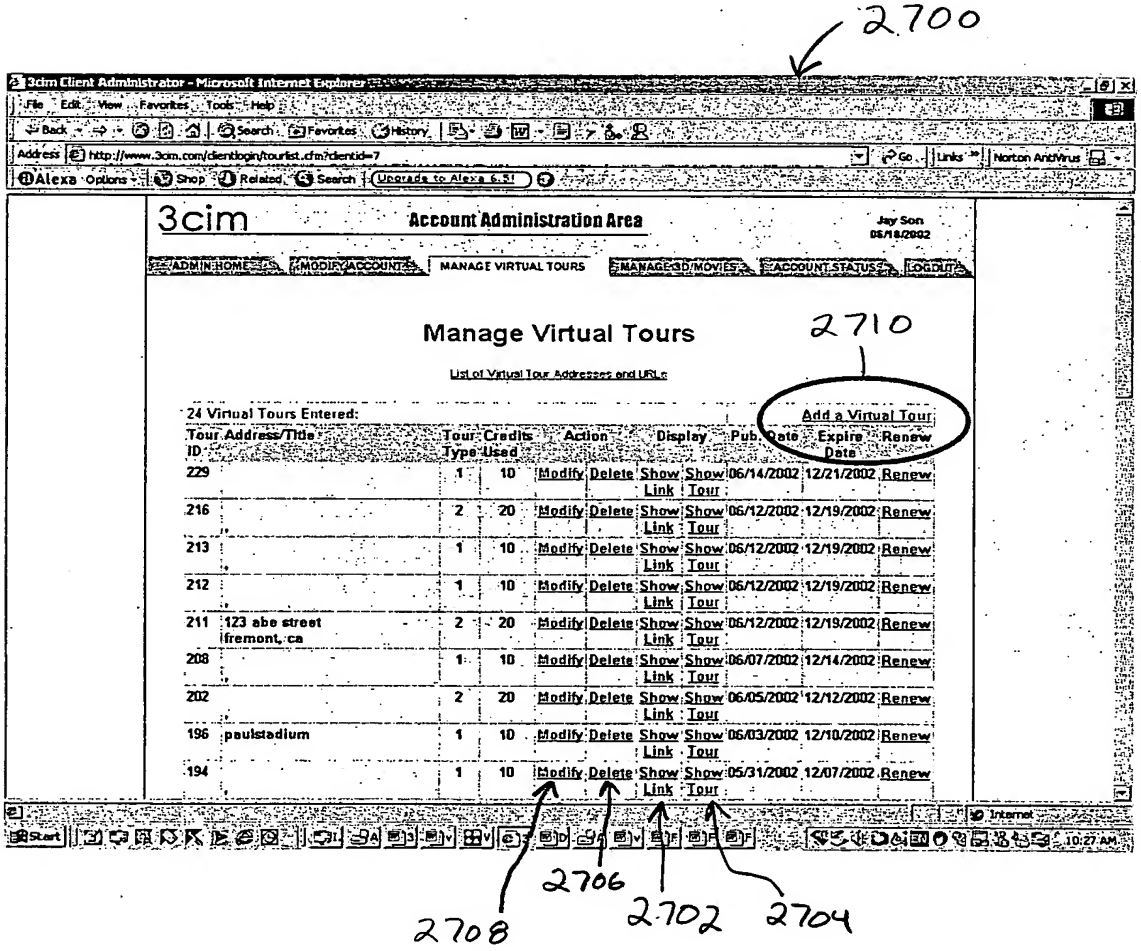
2700
3cim Client Administrator - Microsoft Internet Explorer
3cim
Account Administration Area
Jay Son
05/18/2002
ADMIN HOME
MODIFY ACCOUNT
MANAGE VIRTUAL TOURS
MANAGE 3D MOVIES
ACCOUNT STATUS
LOGOUT
Manage Virtual Tours
2710
List of Virtual Tour Addresses and URLs
24 Virtual Tours Entered:
Add a Virtual Tour
Tour ID
Address/Title
Tour Type
Credits Used
Action
Display
Pub Date
Expire Date
Renew
229 1 10 Modify Delete Show Link Show Tour 06/14/2002 12/21/2002 Renew
216 2 20 Modify Delete Show Link Show Tour 06/12/2002 12/19/2002 Renew
213 1 10 Modify Delete Show Link Show Tour 06/12/2002 12/19/2002 Renew
212 1 10 Modify Delete Show Link Show Tour 06/12/2002 12/19/2002 Renew
211 123 abe street fremont, ca 2 20 Modify Delete Show Link Show Tour 06/12/2002 12/19/2002 Renew
208 1 10 Modify Delete Show Link Show Tour 06/07/2002 12/14/2002 Renew
202 2 20 Modify Delete Show Link Show Tour 06/05/2002 12/12/2002 Renew
196 paulstadium 1 10 Modify Delete Show Link Show Tour 06/03/2002 12/10/2002 Renew
194 1 10 Modify Delete Show Link Show Tour 05/31/2002 12/07/2002 Renew
2708
2706
2702
2704

Fig. 27

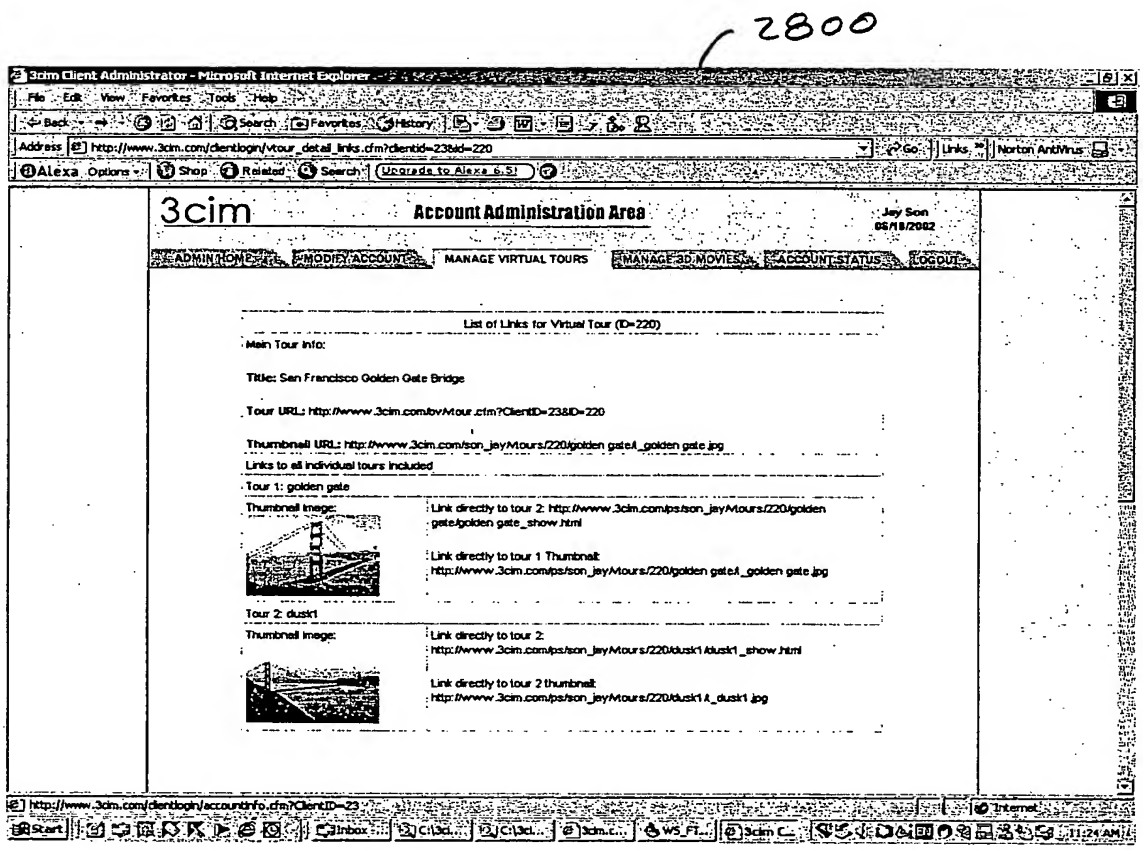
2800
3cim Client Administrator - Microsoft Internet Explorer
3cim
Account Administration Area
Jay Son
06/18/2002
ADMIN HOME
MODIFY ACCOUNT
MANAGE VIRTUAL TOURS
MANAGE 3D MOVIES
ACCOUNT STATUS
LOGOUT
List of Links for Virtual Tour (ID=220)
Main Tour Info:
Title: San Francisco Golden Gate Bridge
Tour URL: http://www.3cim.com/jsvMtour.cfm?ClientID=23&ID=220
Thumbnail URL: http://www.3cim.com/son_jay/Mtours/220/golden gate/t_golden gate.jpg
Links to all individual tours included
Tour 1: golden gate
Thumbnail Image:
Link directly to tour 2: http://www.3cim.com/ps/son_jay/Mtours/220/golden gate/golden gate_show.html
Link directly to tour 1 Thumbnail: http://www.3cim.com/ps/son_jay/Mtours/220/golden gate/t_golden gate.jpg
Tour 2: dusk1
Thumbnail Image:
Link directly to tour 2: http://www.3cim.com/ps/son_jay/Mtours/220/dusk1/dusk1_show.html
Link directly to tour 2 thumbnail: http://www.3cim.com/ps/son_jay/Mtours/220/dusk1/t_dusk1.jpg

Fig. 28

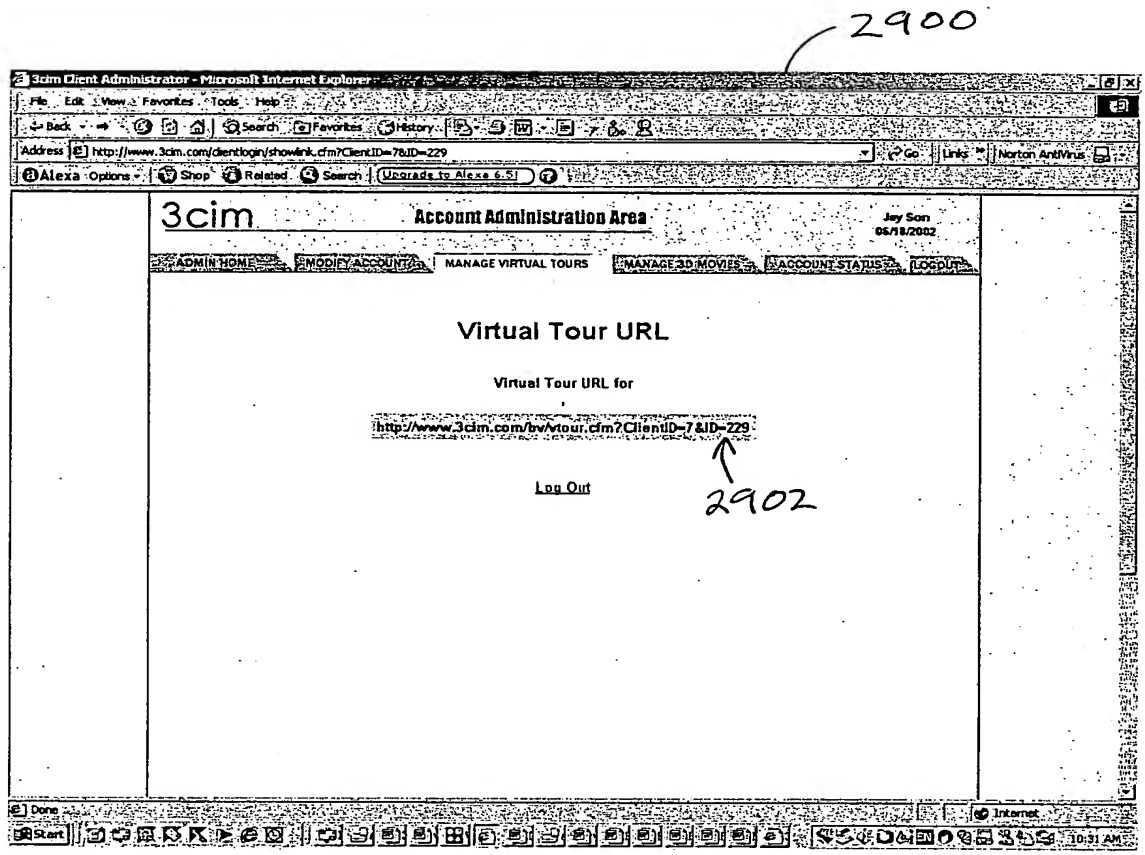
2900
3cim Client Administrator - Microsoft Internet Explorer
3cim
Account Administration Area
Jay Son
05/18/2002
ADMIN HOME
MODIFY ACCOUNT
MANAGE VIRTUAL TOURS
MANAGE 3D MOVIES
ACCOUNT STATUS
LOGOUT
Virtual Tour URL
Virtual Tour URL for
http://www.3cim.com/bv/vtour.cfm?ClientID=7&ID=229
Log Out
2902

Fig. 29

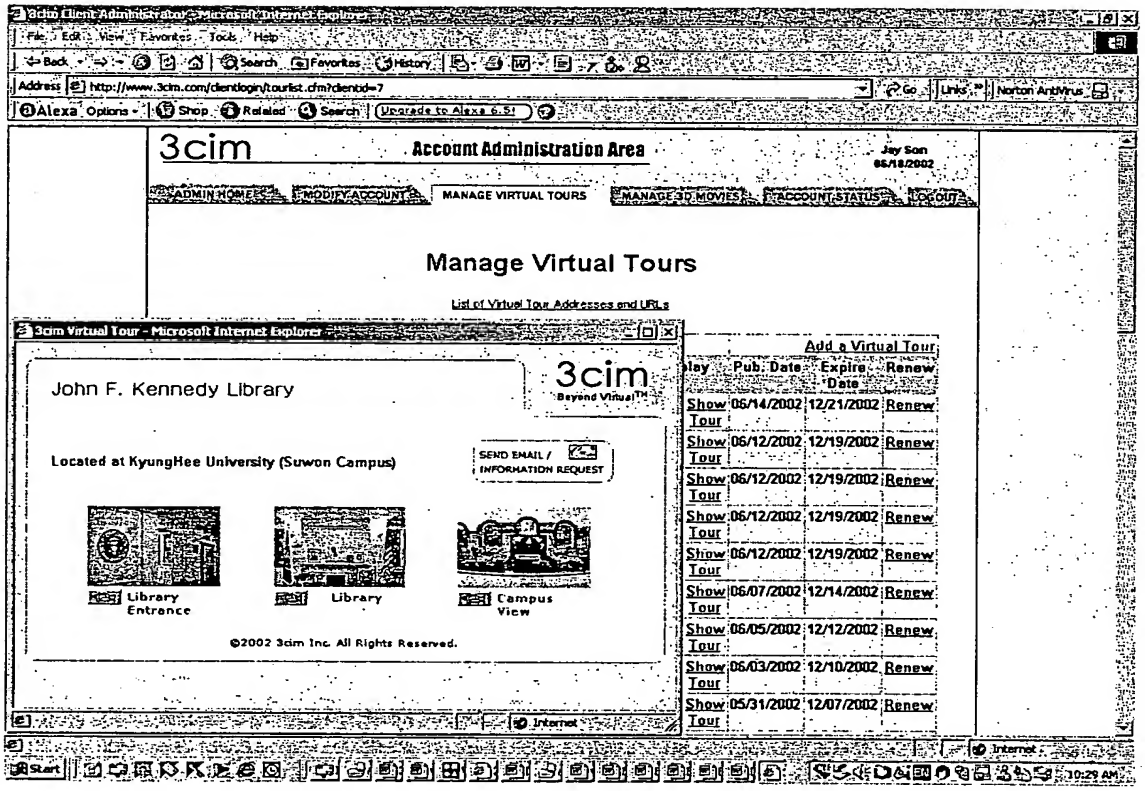
3cim
Account Administration Area
Jay Son
05/18/2002
ADMIN HOME
MODIFY ACCOUNT
MANAGE VIRTUAL TOURS
MANAGE 3D MOVIES
ACCOUNT STATUS
LOGOUT
Manage Virtual Tours
List of Virtual Tour Addresses and URLs
Add a Virtual Tour
Pub. Date
Expire Date
Renew
Show Tour
06/14/2002 12/21/2002 Renew
06/12/2002 12/19/2002 Renew
06/12/2002 12/19/2002 Renew
06/12/2002 12/19/2002 Renew
06/12/2002 12/19/2002 Renew
06/07/2002 12/14/2002 Renew
06/05/2002 12/12/2002 Renew
06/03/2002 12/10/2002 Renew
05/31/2002 12/07/2002 Renew
3cim Virtual Tour - Microsoft Internet Explorer
John F. Kennedy Library
3cim
Beyond Virtual™
Located at KyungHee University (Suwon Campus)
SEND EMAIL / INFORMATION REQUEST
Library Entrance
Library
Campus View
©2002 3cim Inc. All Rights Reserved.

Fig. 30

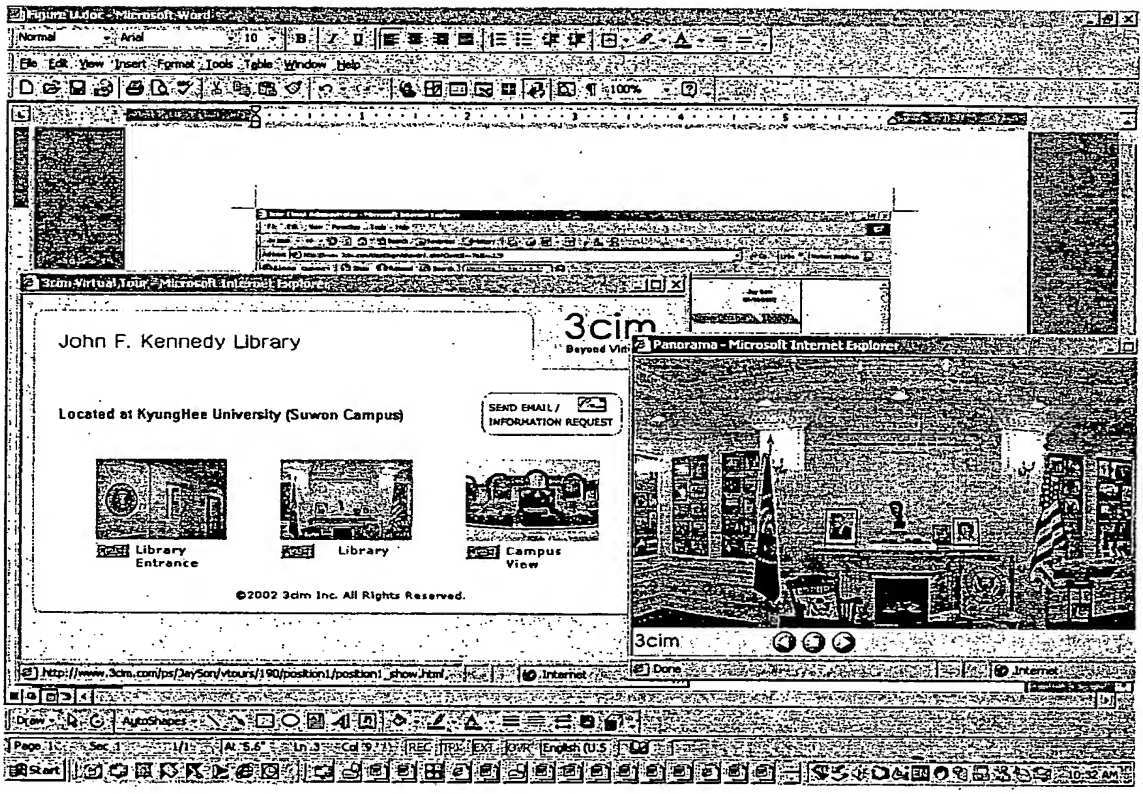
John F. Kennedy Library
Located at KyungHee University (Suwon Campus)
SEND EMAIL / INFORMATION REQUEST
Library Entrance
Library
Campus View
©2002 3dim Inc. All Rights Reserved.
3cim
Panorama - Microsoft Internet Explorer
3cim

Fig. 31

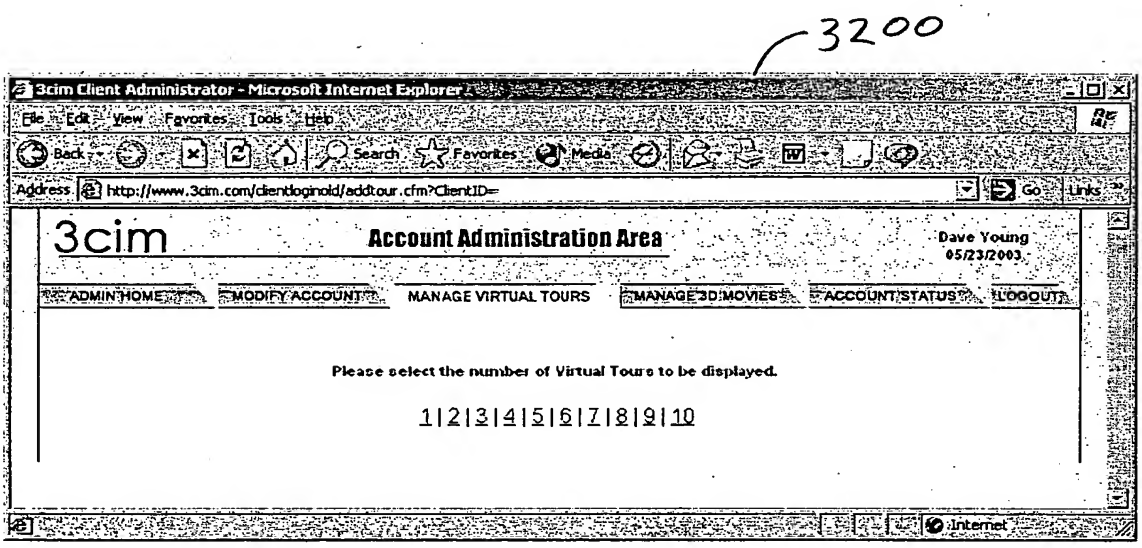
3200
3cim Client Administrator - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address http://www.3cim.com/clientloginold/addtour.cfm?ClientID=
Go Links
3cim
Account Administration Area
Dave Young
05/23/2003
ADMIN HOME
MODIFY ACCOUNT
MANAGE VIRTUAL TOURS
MANAGE 3D MOVIES
ACCOUNT STATUS
LOGOUT
Please select the number of Virtual Tours to be displayed.
1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10
Internet

Fig. 32

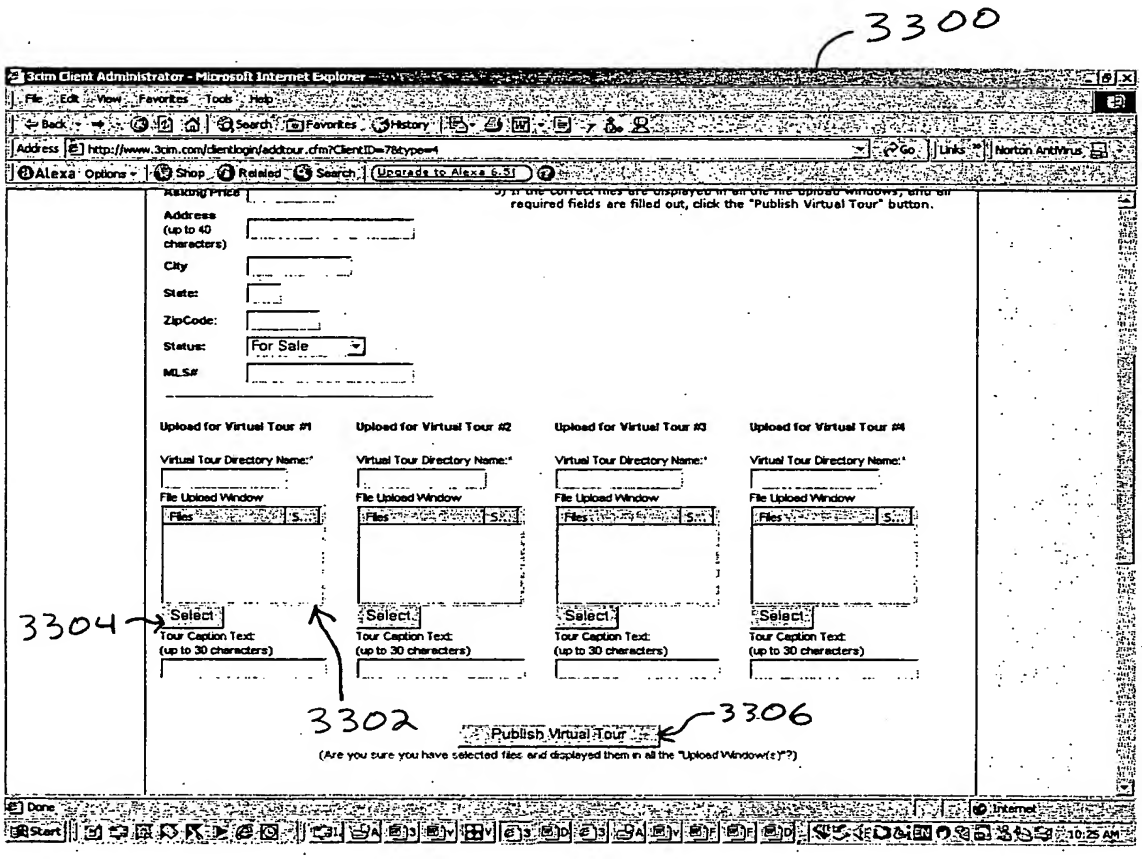
3300
3cim Client Administrator - Microsoft Internet Explorer
Address
(up to 40 characters)
City
State:
ZipCode:
Status:
For Sale
MLS#
required fields are filled out, click the "Publish Virtual Tour" button.
Upload for Virtual Tour #1
Upload for Virtual Tour #2
Upload for Virtual Tour #3
Upload for Virtual Tour #4
Virtual Tour Directory Name:*
File Upload Window
Select
Tour Caption Text:
(up to 30 characters)
3304
3302
3306
Publish Virtual Tour
(Are you sure you have selected files and displayed them in all the "Upload Window(s)"?)

Fig. 33

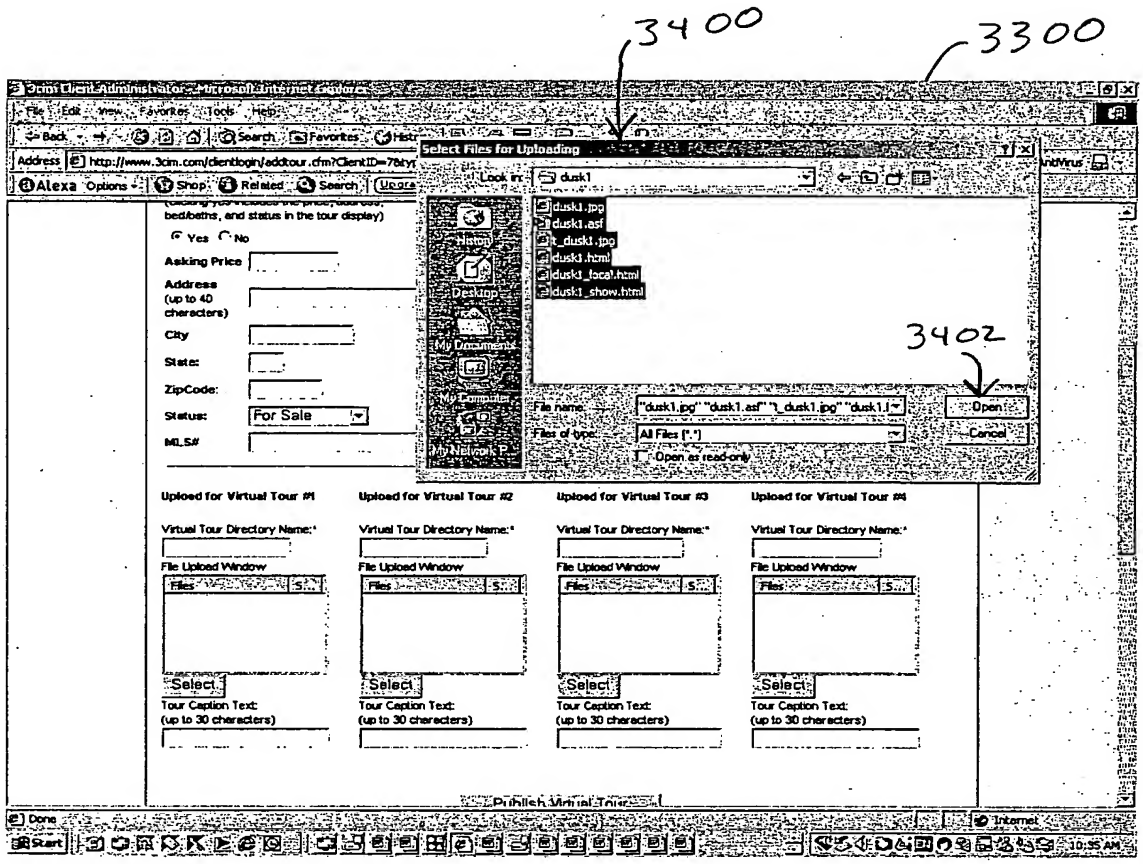
3400
3300
3402
Select Files for Uploading
Look in: dusk1
dusk1.jpg
dusk1.asf
t_dusk1.jpg
dusk1.html
dusk1_local.html
dusk1_show.html
File name:
Files of type: All Files (*.*)
Open
Cancel
Open as read-only
Upload for Virtual Tour #1
Upload for Virtual Tour #2
Upload for Virtual Tour #3
Upload for Virtual Tour #4
Virtual Tour Directory Name:
File Upload Window
Select
Tour Caption Text:
(up to 30 characters)
Asking Price
Address
City
State:
ZipCode:
Status:
For Sale
MLS#

Fig. 34

3500

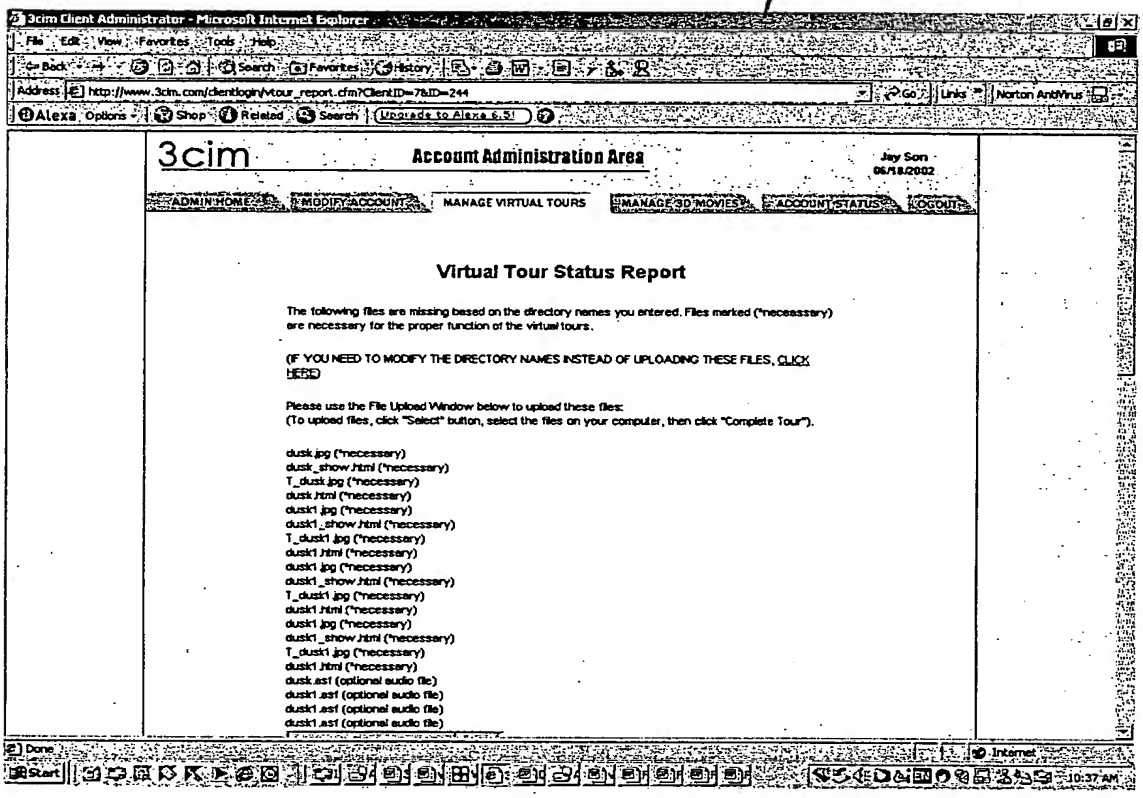
3cim Client Administrator - Microsoft Internet Explorer
3cim
Account Administration Area
Jay Son
06/18/2002
ADMIN HOME
MODIFY ACCOUNT
MANAGE VIRTUAL TOURS
MANAGE 3D MOVIES
ACCOUNT STATUS
LOGOUT
Virtual Tour Status Report
The following files are missing based on the directory names you entered. Files marked (*necessary) are necessary for the proper function of the virtual tours.
(IF YOU NEED TO MODIFY THE DIRECTORY NAMES INSTEAD OF UPLOADING THESE FILES, CLICK HERE)
Please use the File Upload Window below to upload these files:
(To upload files, click "Select" button, select the files on your computer, then click "Complete Tour").
dusk.jpg (*necessary)
dusk_show.html (*necessary)
T_dusk.jpg (*necessary)
dusk.html (*necessary)
dusk1.jpg (*necessary)
dusk1_show.html (*necessary)
T_dusk1.jpg (*necessary)
dusk1.html (*necessary)
dusk1.jpg (*necessary)
dusk1_show.html (*necessary)
T_dusk1.jpg (*necessary)
dusk1.html (*necessary)
dusk1.jpg (*necessary)
dusk1_show.html (*necessary)
T_dusk1.jpg (*necessary)
dusk1.html (*necessary)
dusk.asf (optional audio file)
dusk1.asf (optional audio file)
dusk1.asf (optional audio file)
dusk1.asf (optional audio file)

Fig. 35

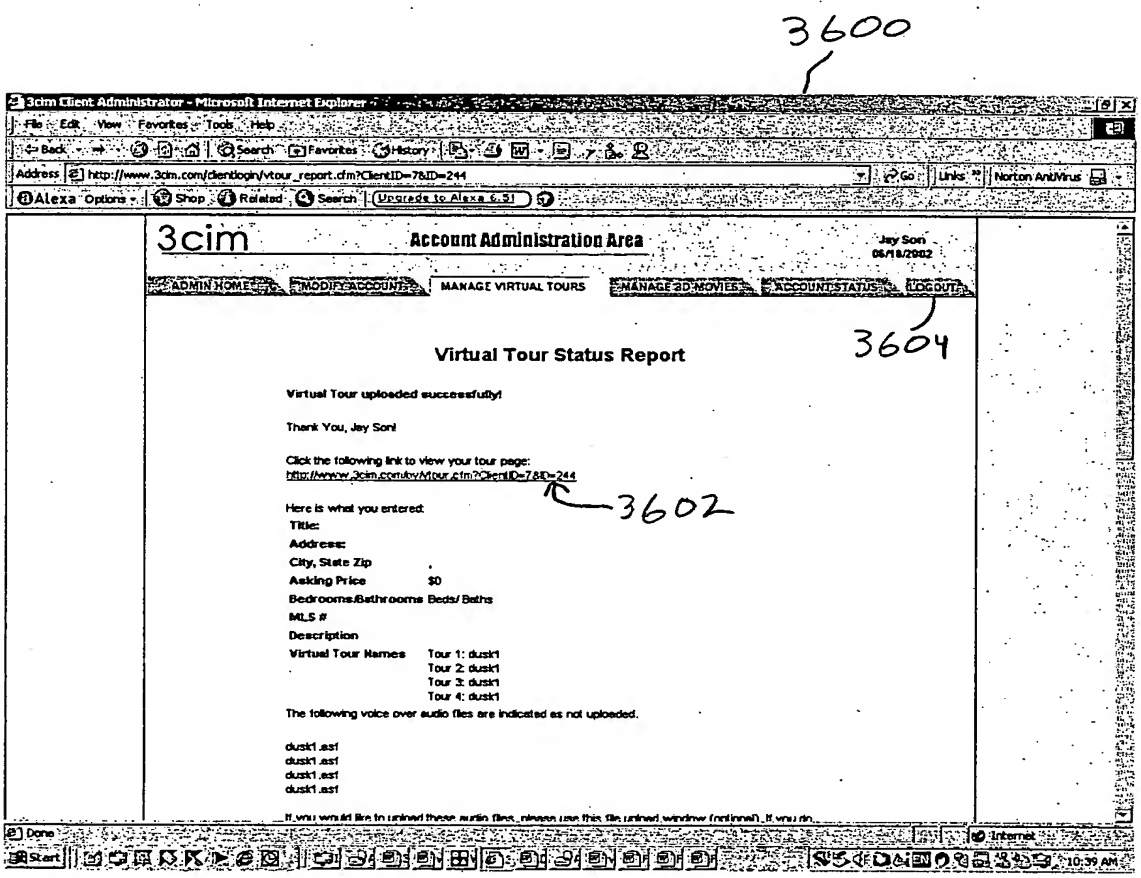
3600
3cim Client Administrator - Microsoft Internet Explorer
3cim
Account Administration Area
Jay Son
06/18/2002
ADMIN HOME
MODIFY ACCOUNT
MANAGE VIRTUAL TOURS
MANAGE 3D MOVIES
ACCOUNT STATUS
LOGOUT
3604
Virtual Tour Status Report
Virtual Tour uploaded successfully!
Thank You, Jay Son!
Click the following link to view your tour page:
http://www.3cim.com/dev/vtour.cfm?ClientID=7&ID=244
3602
Here is what you entered:
Title:
Address:
City, State Zip
Asking Price $0
Bedrooms/Bathrooms Beds/ Baths
MLS #
Description
Virtual Tour Names Tour 1: dusk1
Tour 2: dusk1
Tour 3: dusk1
Tour 4: dusk1
The following voice over audio files are indicated as not uploaded.
dusk1.asf
dusk1.asf
dusk1.asf
dusk1.asf

Fig. 36

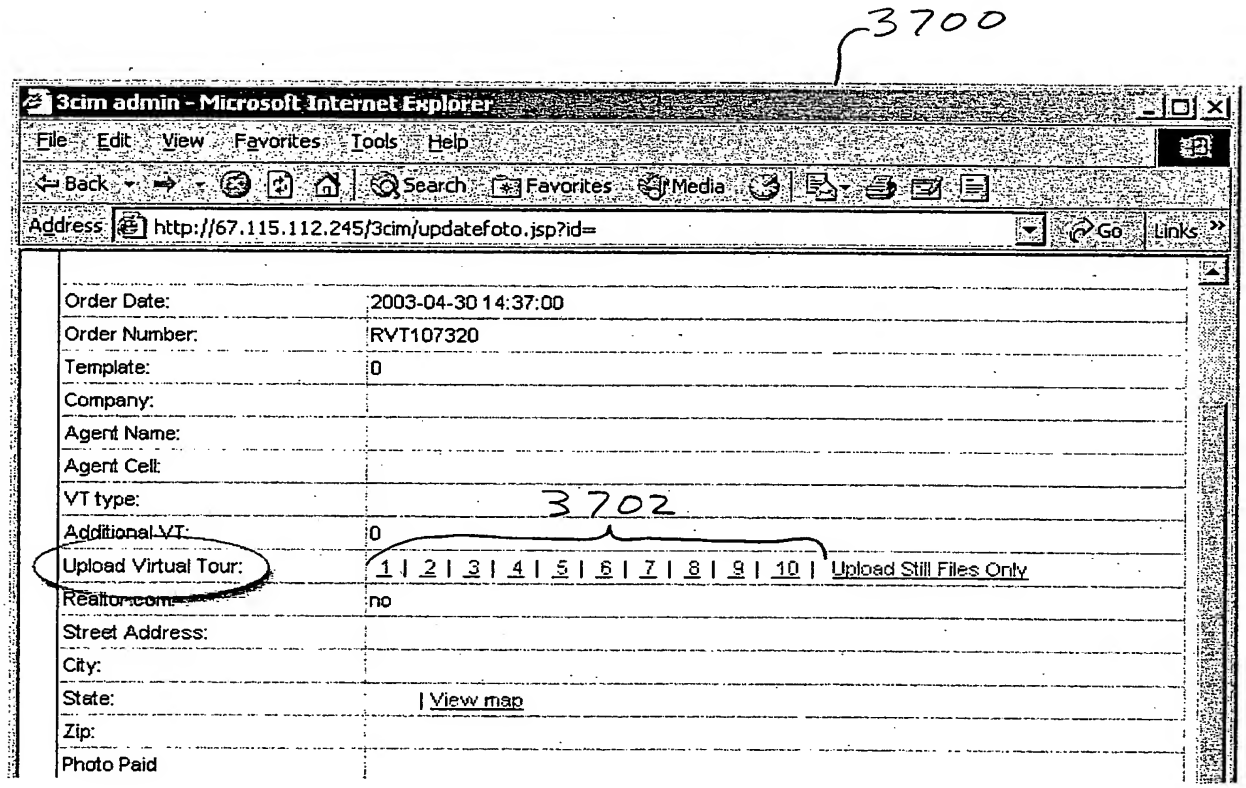
3700
3cim admin - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address http://67.115.112.245/3cim/updatefoto.jsp?id=
Go Links
Order Date: 2003-04-30 14:37:00
Order Number: RVT107320
Template: 0
Company:
Agent Name:
Agent Cell:
VT type:
3702
Additional VT: 0
Upload Virtual Tour: 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | Upload Still Files Only
Realtor.com: no
Street Address:
City:
State: | View map
Zip:
Photo Paid

Fig. 37

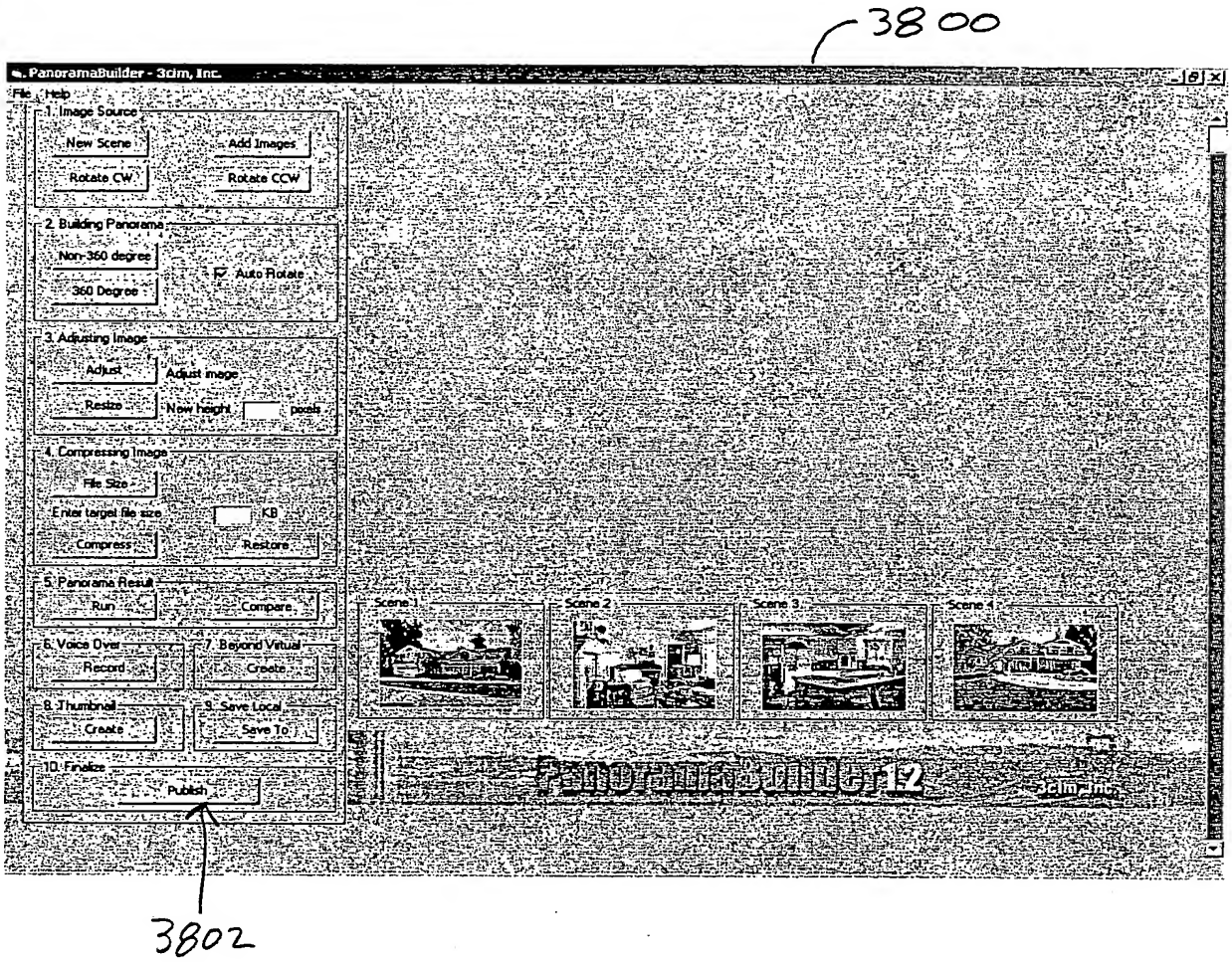
3800
PanoramaBuilder - 3dim, Inc.
File Help
1. Image Source
New Scene
Add Images
Rotate CW
Rotate CCW
2. Building Panorama
Non-360 degree
360 Degree
Auto Rotate
3. Adjusting Image
Adjust
Adjust image
Resize
New height
pixels
4. Compressing Image
File Size
Enter target file size
KB
Compress
Restore
5. Panorama Result
Run
Compare
6. Voice Over
Record
7. Beyond Virtual
Create
8. Thumbnail
Create
9. Save Local
Save To
10. Finalize
Publish
Scene 1
Scene 2
Scene 3
Scene 4
3802

Fig. 38

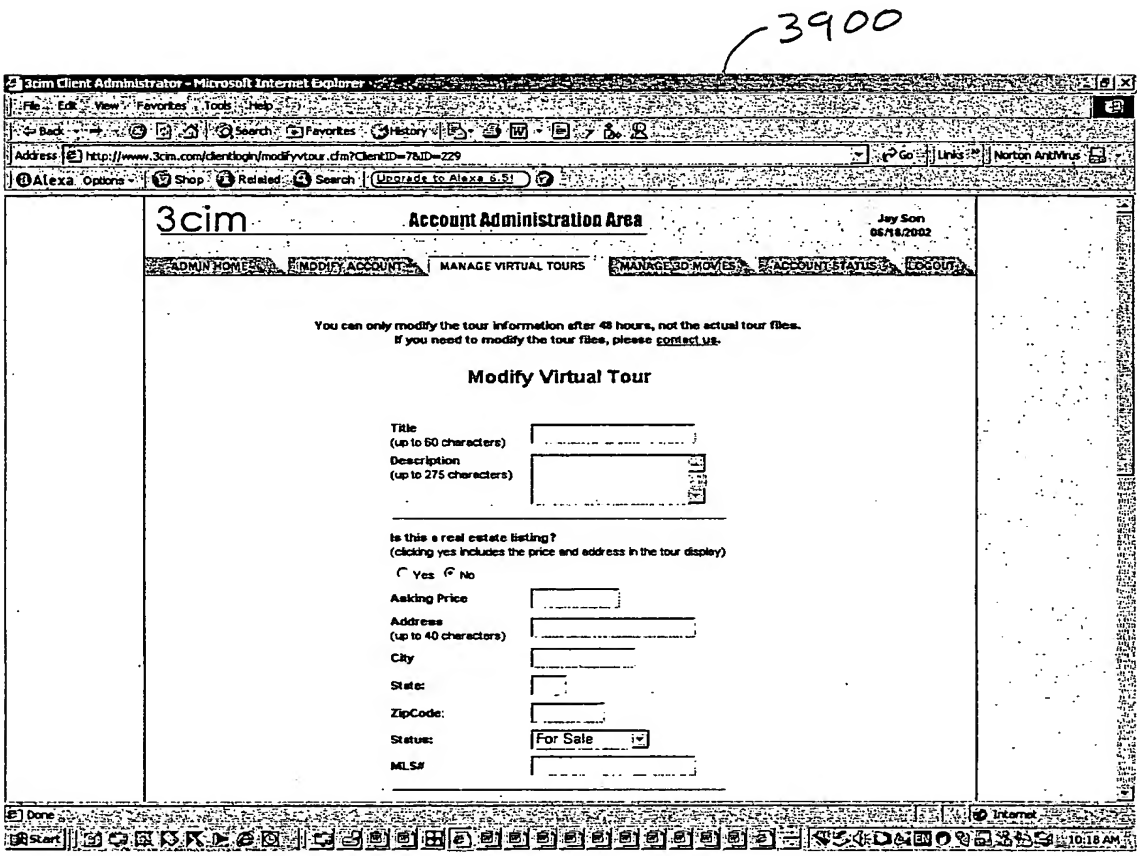
3900
3cim Client Administrator - Microsoft Internet Explorer
3cim
Account Administration Area
Jay Son
06/18/2002
ADMIN HOME
MODIFY ACCOUNT
MANAGE VIRTUAL TOURS
MANAGE 3D MOVIES
ACCOUNT STATUS
LOGOUT
You can only modify the tour information after 48 hours, not the actual tour files.
If you need to modify the tour files, please contact us.
Modify Virtual Tour
Title
(up to 60 characters)
Description
(up to 275 characters)
Is this a real estate listing?
(clicking yes includes the price and address in the tour display)
Yes
No
Asking Price
Address
(up to 40 characters)
City
State:
ZipCode:
Status:
For Sale
MLS#

Fig. 39

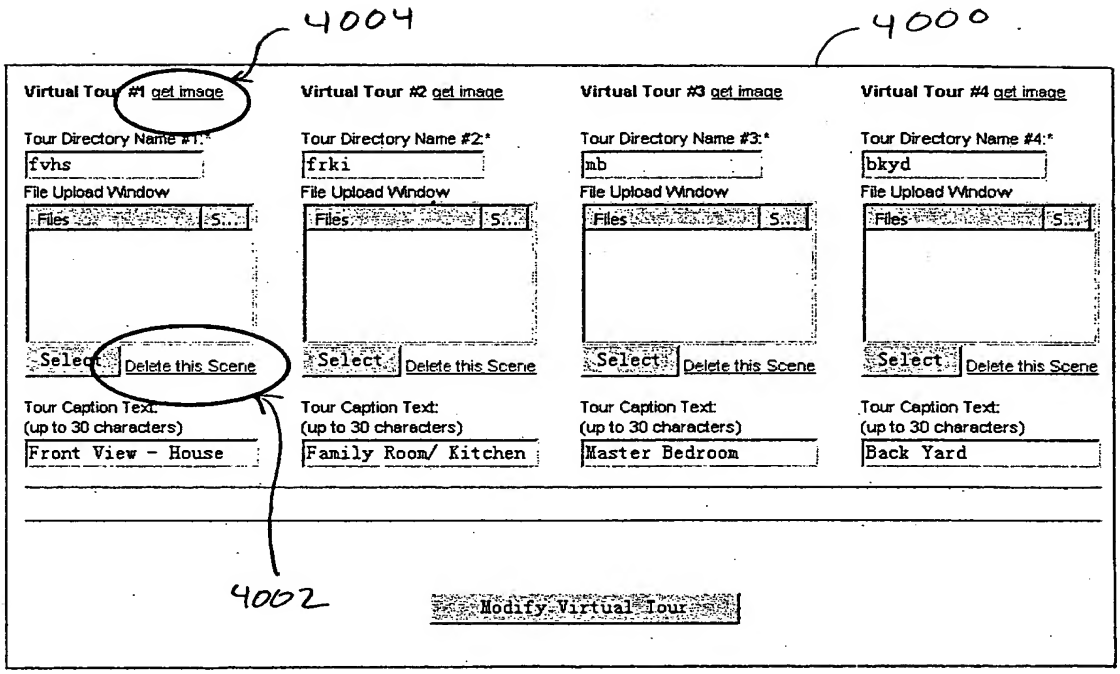
4004
4000
Virtual Tour #1 get image
Virtual Tour #2 get image
Virtual Tour #3 get image
Virtual Tour #4 get image
Tour Directory Name #1:*
fvhs
Tour Directory Name #2:*
frki
Tour Directory Name #3:*
mb
Tour Directory Name #4:*
bkyd
File Upload Window
Files
Select
Delete this Scene
Tour Caption Text:
(up to 30 characters)
Front View - House
Family Room/ Kitchen
Master Bedroom
Back Yard
4002
Modify Virtual Tour

Fig. 40

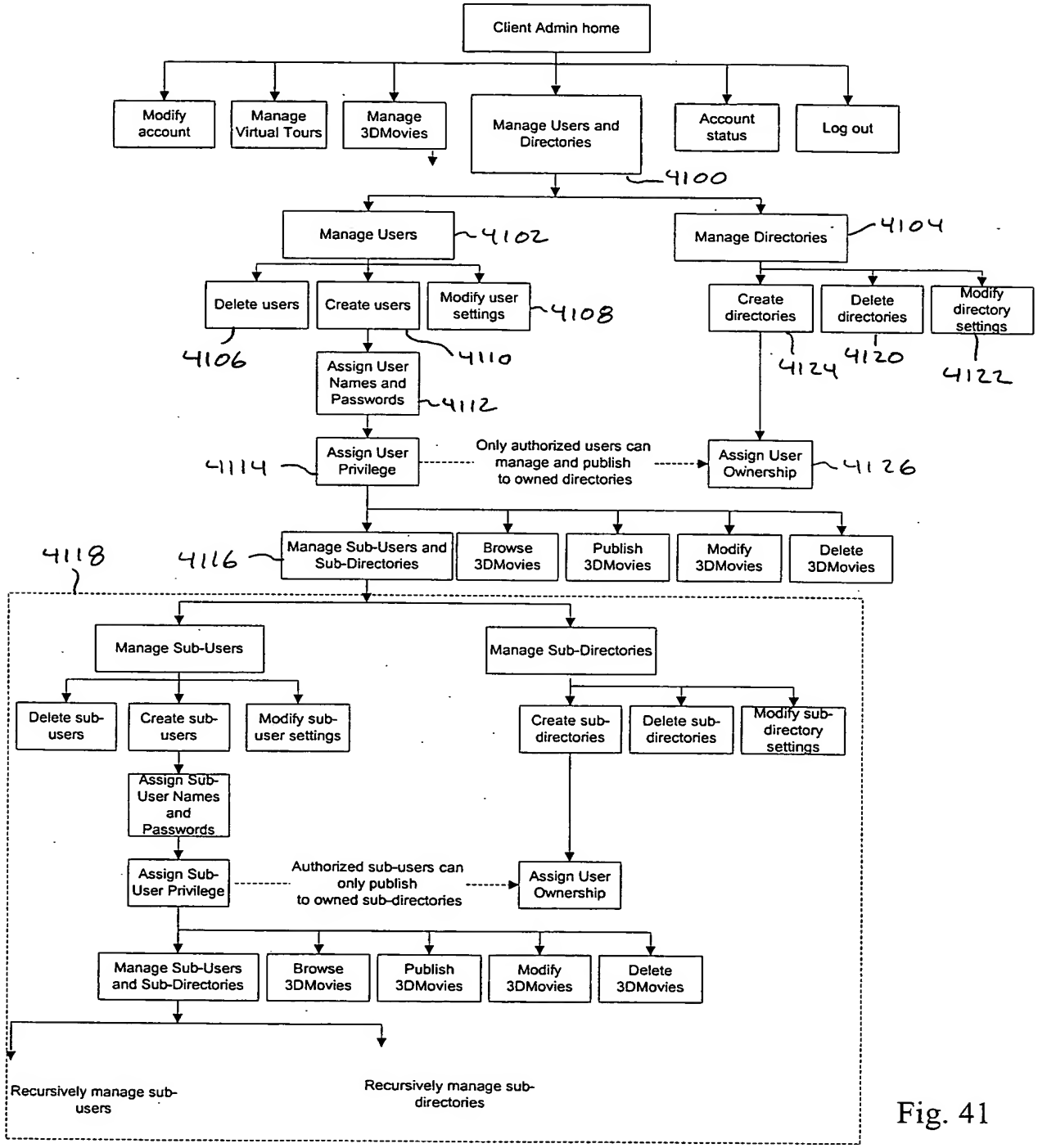
Client Admin home
Modify account
Manage Virtual Tours
Manage 3DMovies
Manage Users and Directories
Account status
Log out
4100
Manage Users
4102
Manage Directories
4104
Delete users
Create users
Modify user settings
4108
Create directories
Delete directories
Modify directory settings
4106
4110
4124
4120
4122
Assign User Names and Passwords
4112
Assign User Privilege
4114
Only authorized users can manage and publish to owned directories
Assign User Ownership
4126
4118
4116
Manage Sub-Users and Sub-Directories
Browse 3DMovies
Publish 3DMovies
Modify 3DMovies
Delete 3DMovies
Manage Sub-Users
Manage Sub-Directories
Delete sub-users
Create sub-users
Modify sub-user settings
Create sub-directories
Delete sub-directories
Modify sub-directory settings
Assign Sub-User Names and Passwords
Assign Sub-User Privilege
Authorized sub-users can only publish to owned sub-directories
Assign User Ownership
Manage Sub-Users and Sub-Directories
Browse 3DMovies
Publish 3DMovies
Modify 3DMovies
Delete 3DMovies
Recursively manage sub-users
Recursively manage sub-directories

Fig. 41

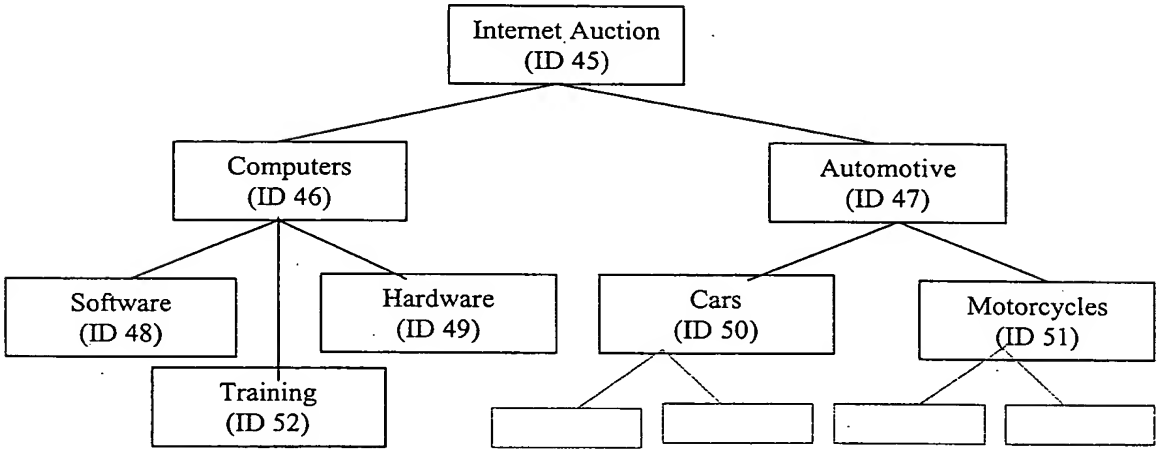
Internet Auction
(ID 45)
Computers
(ID 46)
Automotive
(ID 47)
Software
(ID 48)
Hardware
(ID 49)
Cars
(ID 50)
Motorcycles
(ID 51)
Training
(ID 52)

Fig. 42

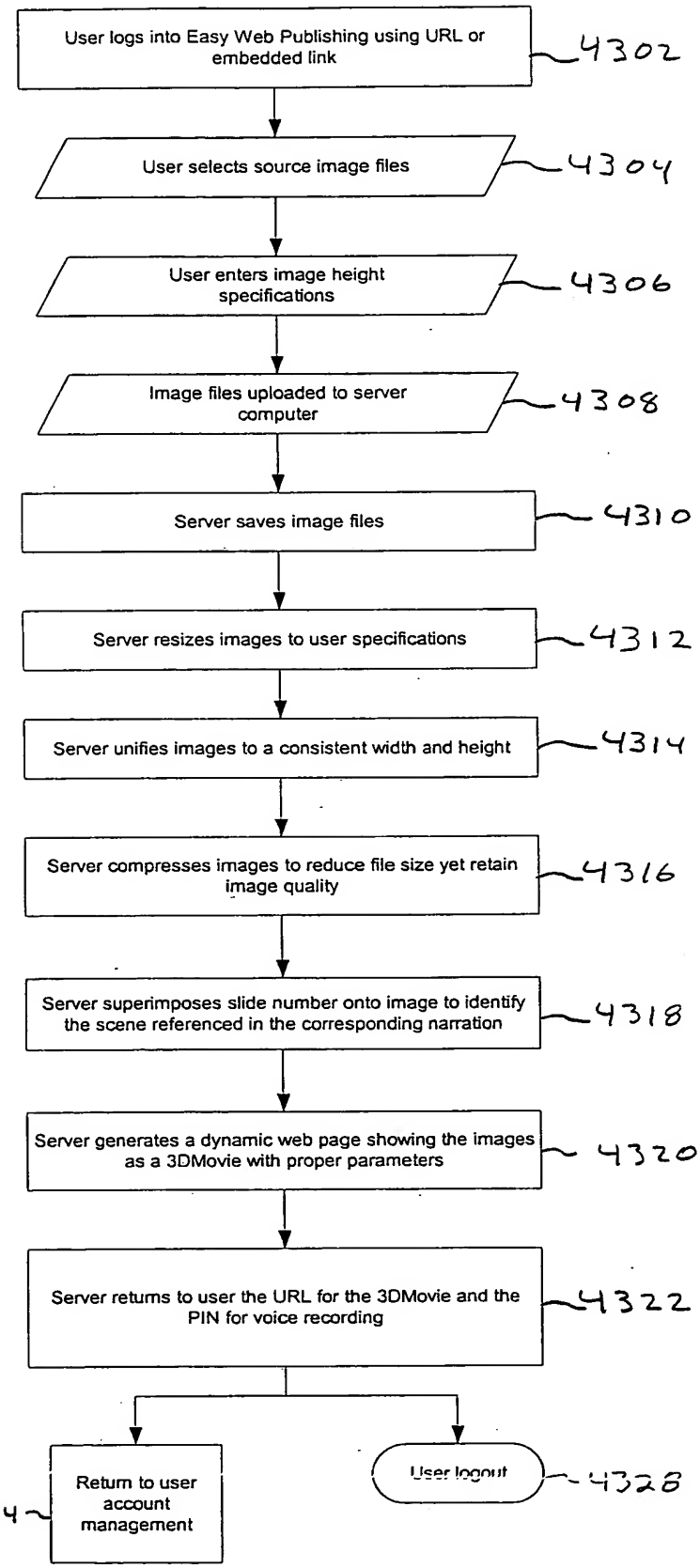
User logs into Easy Web Publishing using URL or embedded link
4302
User selects source image files
4304
User enters image height specifications
4306
Image files uploaded to server computer
4308
Server saves image files
4310
Server resizes images to user specifications
4312
Server unifies images to a consistent width and height
4314
Server compresses images to reduce file size yet retain image quality
4316
Server superimposes slide number onto image to identify the scene referenced in the corresponding narration
4318
Server generates a dynamic web page showing the images as a 3DMovie with proper parameters
4320
Server returns to user the URL for the 3DMovie and the PIN for voice recording
4322
Return to user account management
4324
User logout
4328

Fig. 43

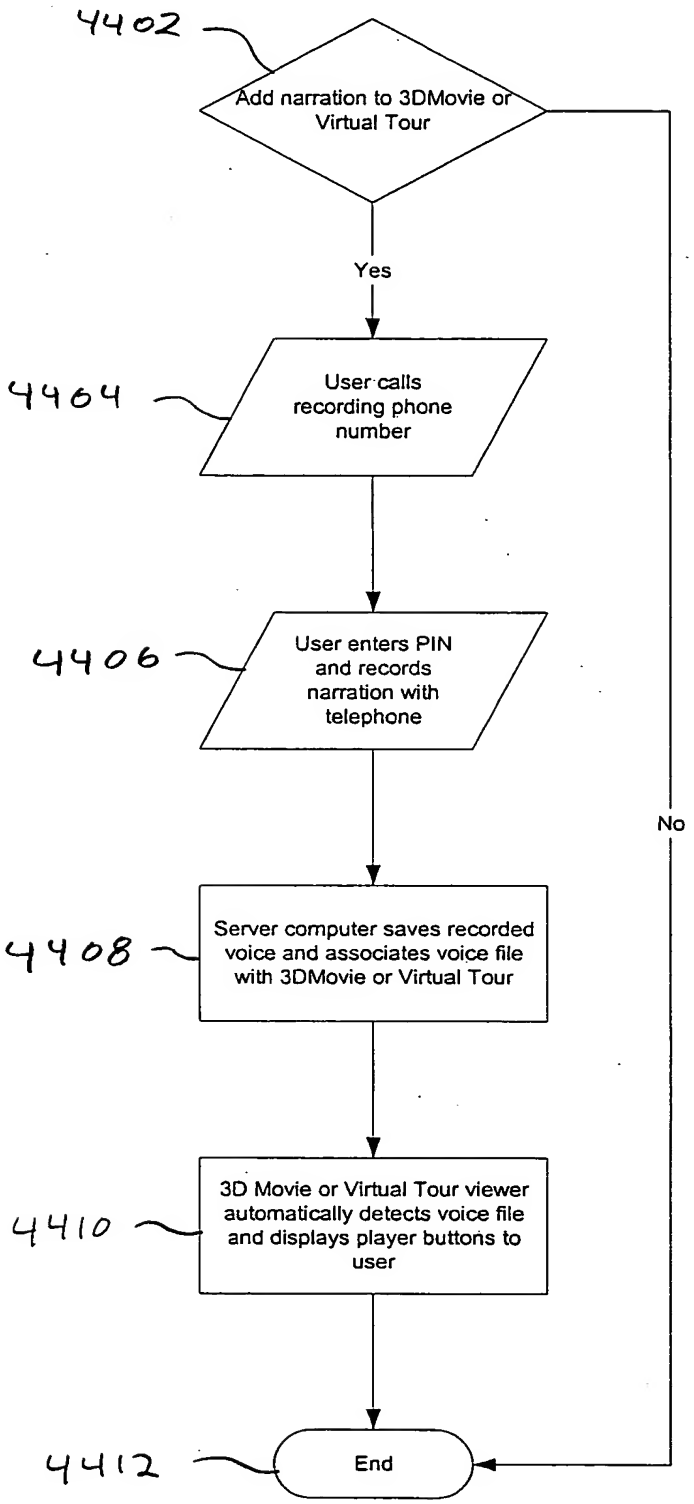
4402
Add narration to 3DMovie or Virtual Tour
Yes
No
4404
User calls recording phone number
4406
User enters PIN and records narration with telephone
4408
Server computer saves recorded voice and associates voice file with 3DMovie or Virtual Tour
4410
3D Movie or Virtual Tour viewer automatically detects voice file and displays player buttons to user
4412
End

Fig. 44

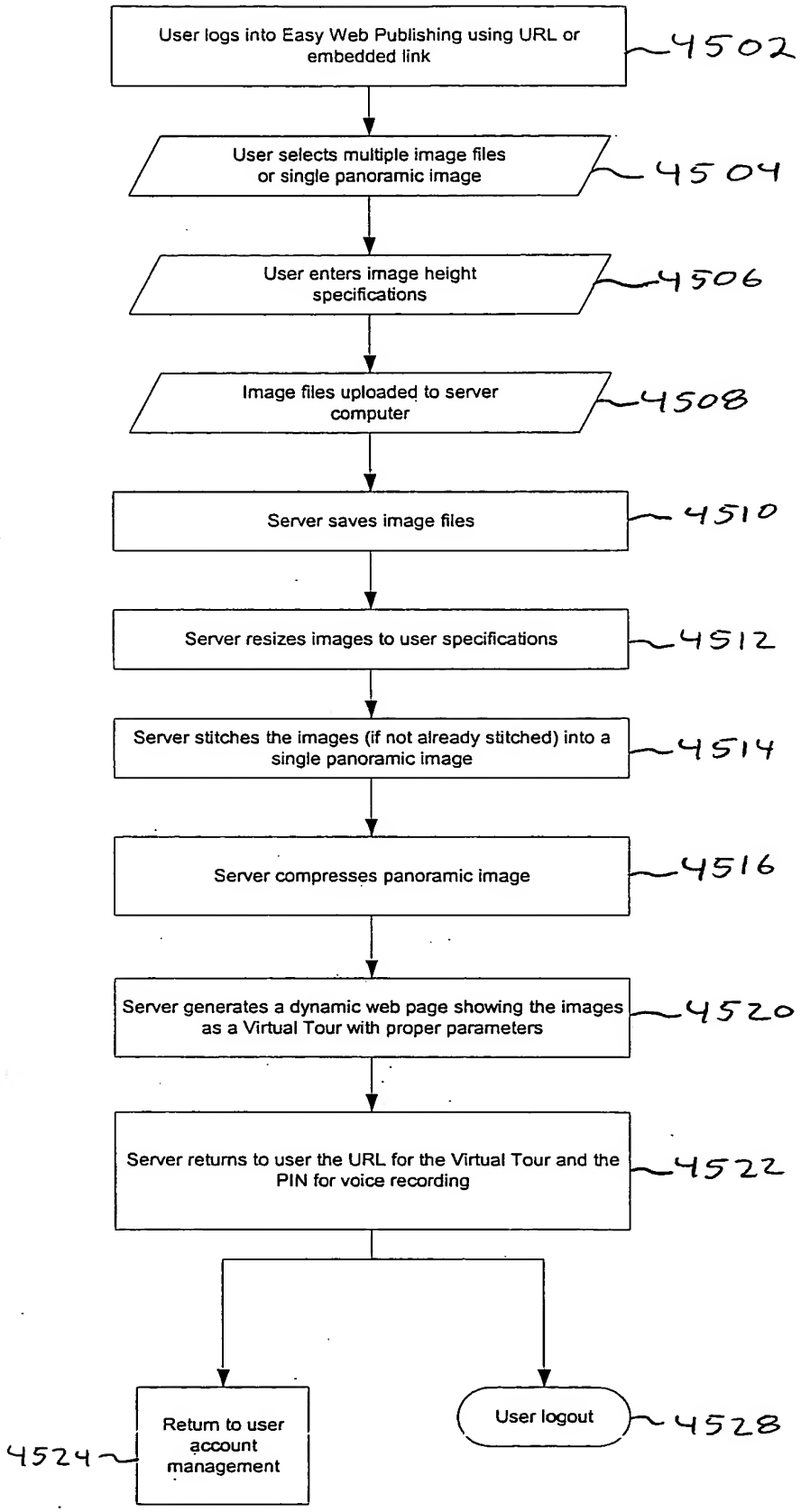
User logs into Easy Web Publishing using URL or embedded link
4502
User selects multiple image files or single panoramic image
4504
User enters image height specifications
4506
Image files uploaded to server computer
4508
Server saves image files
4510
Server resizes images to user specifications
4512
Server stitches the images (if not already stitched) into a single panoramic image
4514
Server compresses panoramic image
4516
Server generates a dynamic web page showing the images as a Virtual Tour with proper parameters
4520
Server returns to user the URL for the Virtual Tour and the PIN for voice recording
4522
Return to user account management
4524
User logout
4528

Fig. 45